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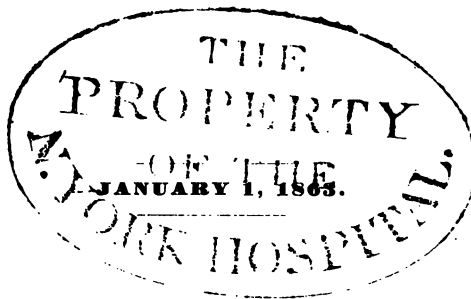
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Medicine.

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CATALOGUE
OF THE
ARMY MEDICAL MUSEUM,
SURGEON GENERAL'S OFFICE,
WASHINGTON, D. C.



WASHINGTON:
GOVERNMENT PRINTING OFFICE.
1863.

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ARMY MEDICAL MUSEUM,

SURGEON GENERAL'S OFFICE,

WASHINGTON, D. C., *January 10, 1863.*

GENERAL: In obedience to your order of December 15, 1862, I have the honor to submit the following report of the condition of the Army Medical Museum on January 1, 1863:

This Museum was established, in pursuance of your orders, in the month of August last. All of the contained specimens have been collected since that time, and their number is being daily augmented.

The collection at present consists of thirteen hundred and forty-nine objects. Of these, nine hundred and eighty-five are surgical specimens, one hundred and six are medical, and one hundred and thirty-three are missiles, which, for the most part, have been extracted from the body. This latter class includes round and conical bullets, shot, grape, canister, fragments of shell, arrows, arrow-heads, etc. Not the least interesting portion of the cabinet is a series of projectiles for small arms, field and heavy guns; and also a complete set of the bayonets now in use in our own and foreign services. For this valuable collection, prepared at the Washington arsenal, under the supervision of Lieut. Col. Geo. D. Ramsay, U. S. A., the Museum is indebted to the Ordnance Department of the Army.

Every object in the Museum has been appropriately and permanently mounted—the dried preparations on stands, and the wet ones in glass anatomical jars, of the most approved patterns, and constructed for the purpose. Every specimen bears a label, on which is inscribed its Catalogue number and the name and rank of the medical officer from whom received.

In the accompanying Catalogue—prepared by Assistant Surgeon William Moss, U. S. V., Assistant Curator of the collection—the Museum number of every object is given, and its character is briefly described. The name of the medical officer contributing it will be found on the same line in a separate column.

As the value of all pathological preparations depends, to a great extent, upon the completeness of their history, strenuous efforts have been made to procure an accurate surgical and medical account of every case from which a specimen has been taken. I regret to state that, in many instances, the desired success has not been obtained. In order that this evil may, as far as possible, be remedied, the number of every specimen in the Catalogue for which a sufficient history has been received has been marked with an asterisk. For all others, neither history nor description have as yet been furnished. It is hoped that medical officers, recognizing the objects contributed by them, will exert themselves at once to remedy this deficiency.

In presenting to you, General, this catalogue, you will please remember that it is offered simply as a numerical list of the objects in the Army Medical Museum. No attempt has as yet been made to classify the various injuries,

nor has any description of the preparations been entered upon. Such a work must be deferred for the future. It will then be found to demand volumes. The labor of the present hour is simply to collect and to preserve—the study must be made hereafter.

I have the honor to be,

Very respectfully, your obedient servant,

JOHN H. BRINTON,

Surgeon, U. S. V., and Curator Army Medical Museum.

Brigadier General WILLIAM A. HAMMOND,

Surgeon General, U. S. A.

SUGGESTIONS
TO THE
MEDICAL OFFICERS OF THE ARMY,
AS TO THE
PREPARATION AND FORWARDING OF SPECIMENS TO
THE ARMY MEDICAL MUSEUM, SURGEON GEN-
ERAL'S OFFICE, WASHINGTON, D. C.

The objects which the Surgeon General desires to collect for the Museum may be thus enumerated:

1. *Specimens illustrative of surgical injuries and affections; such as—*

Fractures, compound and simple—fractures of the cranium.
Excised portions of bone.
Diseased bones and joints.
Exfoliations, especially those occurring in *stumps*.
Specimens illustrative of the structure of stumps, (obliterated arteries, bulbous nerves, rounded bones, etc.)
Integumental wounds of entrance and of exit, from both the round and conoidal ball.
Wounds of vessels and nerves.
Vessels obtained subsequent to ligation and to secondary hemorrhage.
Wounded viscera.
Photographic representations of extraordinary injuries, portraying the results of injuries, operations, or peculiar amputations.
Models of novel surgical appliances, and photographic views of new plans of dressing.

2. *Specimens of Disease.*

Specimens illustrating morbid processes of every kind; especial consideration being paid, however, to the degree in which the morbid condition will probably be demonstrable in the preparation when preserved. All unnecessary or extraneous appendages to be dissected away. In addition to specimens of diseased organs, malformations, parasites, concretions, and calculi are desirable. Microscopical specimens should, for uniformity sake, be mounted on slips of glass 3 inches by 1 inch.

It is not intended to impose on medical officers the labor of dissecting and preparing the specimens they may contribute to the Museum. This will be done under the superintendence of the Curator.

In forwarding such pathological objects as compound fractures, bony specimens, and wet preparations generally, obtained after amputation, operation, or cadaveric examination, all unnecessary soft parts should first be roughly removed. Every specimen should then be wrapped separately in a cloth, so as to preserve all spiculæ and fragments. A small block of wood should be attached, with the number of the specimen and the name of the medical officer sending it inscribed, in lead pencil; or a strip of sheet-lead, properly marked with the point of an awl, may be employed for this purpose. In either case, the inscription will be uninjured by the contact of fluids. The preparation should be then immersed in diluted alcohol or whiskey, contained in a keg or small cask. When a sufficient number of objects shall have accumulated, the cask should be forwarded directly to the Surgeon General's Office. The expenses of expressage will be defrayed in Washington. The receipt of the keg or package will be duly acknowledged by the Curator of the Museum.

In every instance, a corresponding list or history of the cases should, *at the same time*, be forwarded to this office by mail. In this list the number and nature of every specimen should be clearly specified, and, when possible, its history should be given. The numbers attached to the specimens themselves, and the numbers in the list forwarded, should always correspond, and should be accompanied by the name and rank of the medical officer by whom sent. Every specimen will be duly credited in the Catalogue to the medical officer contributing it.

Much confusion has hitherto arisen from the fact that considerable periods of time have often been allowed to elapse between the sending of the specimen and the forwarding of its history. In many cases no history whatever has been received. It is hoped that it is not yet too late to remedy this deficiency.

If any errors exist in the present Catalogue, they will be corrected on due notification being sent to the Curator.

The following medical officers have been authorized by the Surgeon General to collect and forward specimens to the Museum from the cities and localities in which they are respectively stationed:

Surgeon Lavington Quick, U. S. V., Baltimore.
 Acting Assistant Surgeon Edward Hartshorne, U. S. A., Philadelphia.
 Acting Assistant Surgeon George Shradly, U. S. A., New York.
 Surgeon M. Goldsmith, U. S. V., Louisville.
 Surgeon J. F. Carpenter, U. S. V., Cincinnati.
 Assistant Surgeon F. L. Town, U. S. A., Nashville.
 Surgeon John S. Hodgen, U. S. V., St. Louis.
 Surgeon H. S. Hewit, U. S. V., Army of the Mississippi.

MEMORANDUM.

All specimens marked with an asterisk, thus (*,) have been accompanied by histories and descriptions.

CATALOGUE

OF THE

ARMY MEDICAL MUSEUM.

NO. OF SPEC'N.	DESCRIPTION.	NAME OF CONTRIBUTOR.
1 *	Gunshot fracture of Humerus; excision of head, and two inches of shaft.	A. Ass't Sur. D. N. Rankin, U. S. A., Epiphany Hos- pital, Washington, D. C.
2	Gunshot fracture of upper half of right Radius.	
3 *	Gunshot fracture of internal Tuberosity of left Tibia.	Ass't Surg. J. S. Billings, U. S. A., Cliffburne Hos- pital, Washington, D. C.
4	Gunshot fracture through upper third of left Tibia.	
5	Gunshot perforation of right Tibia above internal Malleolus.	
6 *	Simple fracture of Femur through Trochanteric Ridge, with union.	F. Schafhirt, M. D., Army Medical Museum.
7 *	Gunshot fracture of middle of Fibula.	Ass't Surg. J. S. Billings, U. S. A., Cliffburne Hos- pital, Washington, D. C.
8 *	Gunshot fracture of Humerus above middle.	Do. do. do.
9 *	Gunshot fracture of neck of Femur.	Do. do. do.
10 *	Gunshot fracture of head of Humerus; excision of.	A. Ass't Sur. D. N. Rankin, U. S. A., Epiphany Hos- pital, Washington, D. C.
11	Gunshot fracture of right Femur; excision of.	Ass't Surg. J. S. Billings, U. S. A., Cliffburne Hos- pital, Washington, D. C.
12	Gunshot fracture of left Humerus, lower third.	Do. do. do.
13 *	Gunshot fracture of Os-Calcis and Astragalus.	A. As't Sur. D. W. Cheever, U. S. A., Judiciary Hos- pital, Washington, D. C.
14 *	Gunshot fracture of head of Humerus, excision of.	Ass't Surg. J. S. Billings, U. S. A., Cliffburne Hos- pital, Washington, D. C.
15 *	Gunshot fracture of Elbow; condyles of Humerus, head of Ulna and Radius; excision of.	A. As't Sur. D. W. Cheever, U. S. A., Judiciary Hos- pital, Washington, D. C.
16 *	Gunshot fracture of lower third of Humerus.	Do. do. do.
17 *	Gunshot fracture of head of Humerus; excision of.	Surg. McMahon.
18 *	Gunshot fracture of upper half of Humerus.	Ass't Surg. J. S. Billings, U. S. A., Cliffburne Hos- pital, Washington, D. C.
19 *	Gunshot fracture at junction of head and neck of Femur.	Do. do. do.

NO. OF SPEC'N.	DESCRIPTION.	NAME OF CONTRIBUTOR.
20 *	Compound comminuted fracture of left Tibia and Fibula; railroad accident.	Ass't Surg. J. W. S. Gouley, U. S. A., Washington Infirmary, D. C.
21 *	Ununited fracture of right Tibia and Fibula; kick from a horse.	Do. do. do.
22 *	Gunshot fracture of right Tibia.	A. Ass't Sur. D. W. Cheever, U. S. A., Judiciary Hos- pital, Washington, D. C.
23 *	Gunshot fracture of external condyle of left Femur.	Ass't Surg. J. S. Billings, U. S. A., Cliffburne Hos- pital, Washington, D. C.
24	Gunshot fracture of inner Tuberosity of right Tibia.	
25	Gunshot fracture of right Elbow.	A. Ass't Sur. D. N. Rankin, U. S. A., Epiphany Hosp., Washington, D. C.
26 *	Gunshot fracture, comminuted, of shaft of Humerus, with fragment of ball.	A. Ass't Surg. W. W. Keen, U. S. A., Gen'l Hospital No. 1, Frederick, Md.
27	Gunshot fracture of Femur, at greater Trochanter.	Ass't Surg. W. Webster, U. S. A., Douglas Hosp., Washington, D. C.
28 *	Gunshot fracture of left Radius and Carpus	A. Ass't Sur. W. W. Keen, U. S. A., Gen'l Hospital No. 1, Frederick, Md.
29	Gunshot fracture of right Elbow.	A. Ass't Sur. D. N. Rankin, U. S. A., Epiphany Hos- pital, Washington, D. C.
30	Gunshot fracture (partial) of right Femur.	Ass't Surg. J. S. Billings, U. S. A., Cliffburne Hos- pital, Washington, D. C.
31 *	Gunshot fracture of left Femur immediately above condyles.	Do. do. do.
32 *	Gunshot perforation of internal condyle of right Femur.	Do. do. do.
33 *	Gunshot fracture of head and neck of Femur.	Do. do. do.
34	Gunshot fracture of body of Sternum.	Ass't Surg. C. A. McCall, U. S. A., Mt. Pleasant Hosp., Washing'n, D. C.
35	Gunshot fracture of Carpus and Metacarpus	
36	Gunshot fracture of upper half of Humerus.	Surg. J. C. Dorr, U. S. V., Ascension Hosp., Wash- ington, D. C.
37	Gunshot fracture of lower half of Femur.	
38 *	Gunshot fracture of Tibia and Fibula, three inches above joint, with flattened round ball.	Surg. J. E. Sumners, U. S. A., General Hospital, Alexandria, Va.
39 *	Gunshot fracture of lower third of Femur.	Do. do. do.
40 *	Gunshot fracture of Patella and external condyle of Femur, from shell.	Do. do. do.
41 *	Gunshot fracture of condyles and lower fifth of Femur.	Do. do. do.
42 *	Gunshot Fracture of external condyle and shaft of Femur.	Do. do. do.

NO. OF SPEC'N.	DESCRIPTION.	NAME OF CONTRIBUTOR.
43 *	Gunshot fracture of Tibia and Fibula above Malleoli.	Surg. J. E. Summers, U.S. A., Gen'l Hosp, Alex., Va.
44 *	Gunshot fracture of external condyle of Femur.	Do. do. do.
45 *	Gunshot fracture of shaft of Humerus.	Do. do. do.
46 *	Gunshot fracture of Tibia and Fibula below head.	Do. do. do.
47 *	Gunshot fracture of internal condyle of Femur, with conoidal ball.	Do. do. do.
48 *	Gunshot fracture of condyles and lower third of Femur.	Do. do. do.
49 *	Gunshot fracture of Carpus and Radius.	Do. do. do.
50 *	Gunshot fracture of head of Tibia.	Do. do. do.
51 *	Gunshot fracture of condyles of Femur, with conoidal ball.	Do. do. do.
52 *	Gunshot fracture of middle of Femur.	Do. do. do.
53 *	Gunshot fracture of Tibia, Tarsus, and Metatarsus, from shell.	Do. do. do.
54 *	Gunshot fracture of lower third of Tibia, extending into joint.	Do. do. do.
55 *	Gunshot fracture of Tarsus and external Malleolus.	Asst. Surg. J. S. Billings, U.S.A., Cliffburne Hosp., Washington, D. C.
56	Gunshot fracture of Rib; excision.	Asst. Sur. W. Moss, U.S.V.
57 *	Gunshot fracture of articular end of Radius.	Asst. Surg. J. S. Billings, U.S.A., Cliffburne Hosp., Washington, D. C.
58	Gunshot fracture of upper half of shaft of Radius.	Asst. Surg. C. A. McCall, U. S. A., Mt. Pleasant Hosp., Washington, D.C.
59 *	Gunshot fracture of lower fourth of Femur; perforation, external condyle separated.	A. Asst. Surg. D. W. Cheever, U. S. A., Judiciary Hosp., Washington, D.C.
60	Gunshot fracture of head of Humerus, conoidal ball, imbedded; excision.	Do. do. do.
61 *	Gunshot fracture of lower fourth of Tibia.	A. Asst. Surg. C. W. Currier, U.S.A., Union Hosp., Georgetown, D. C.
62 *	Gunshot fracture of Os-Calci and Astragalus.	A. Asst. Surg. J. C. McKee, U. S. A., Waters' Warehouse Hosp., Geo'tn, D.C.
63	Gunshot fracture (oblique) of lower fourth of Femur; deposit of callus.	Do. do. do.
64	Gunshot fracture of Patella and external condyle of Femur.	Asst. Surg. B. A. Clements, U. S. A., College Hosp., Georgetown, D. C.
65 *	Gunshot fracture, comminuted, of lower third of Femur; deposit of callus.	Surg. McDonell, U. S. V.
66 *	Gunshot fracture of lower half of shaft of Humerus.	Surg. J. H. Brinton, U.S.V.
67	Gunshot fracture of Ankle joint.	Do. do. do.
68	Gunshot fracture of upper half of shaft of Humerus.	Surg. T. E. Mitchell, 1st Maryland Vols.
69 *	Gunshot fracture, comminuted, of shaft of Ulna.	Do. do. do.
70 *	Gunshot fracture of Elbow; internal condyle of Humerus excised.	Surg. P. Pineo, U. S. V.
71 *	Gunshot fracture of Femur; excision of upper fourth.	

No. OF SPEC'N.	DESCRIPTION.	NAME OF CONTRIBUTOR.
72 *	Gunshot fracture of upper third shaft of Tibia.	Surg. J. H. Brinton, U.S.V.
73 *	Gunshot fracture, comminuted; perforation of Humerus.	A. Asst. Surg. W. W. Keen, U. S. A., Gen'l Hosp. No. 1, Frederick, Md.
74 *	Shell contusion of Tibia; great suppuration.	A. Asst. Surg. D. W. Cheever, U. S. A., Judiciary Hosp., Washington, D.C.
75 *	Gunshot fracture, comminuted, of shaft of Femur.	Dr. Bowles, Waters' Warehouse, Georgetown, D. C.
76	Gunshot fracture of Femur; perforation above condyles.	Surg. C. H. Page, U. S. A.
77	Gunshot fracture of condyles of Femur; deposit of callus.	
78	Gunshot fracture of upper half and neck of Humerus.	
79 *	Gunshot fracture of upper half shaft of Tibia and Fibula.	Asst. Surg. S. A. Storrow, U.S.A., Eckington Hosp., Washington, D. C.
80	Gunshot fracture of Tarsus and lower extremity of Tibia and Fibula.	Dr. Warner, Waters' Warehouse, Georgetown, D. C.
81	Gunshot fracture of lower fourth of Tibia and Fibula.	Do. do. do.
82 *	Gunshot fracture of Carpus and lower extremity of Radius.	Surg. J. H. Brinton, U.S.V.
83 *	Gunshot fracture of Femur above condyles, with deposit of callus.	Surg. C. H. Page, U. S. V., Judiciary Square Hosp., Washington, D. C.
84	Gunshot fracture of Astragalus.	
85 *	Gunshot fracture of head of Tibia; course of ball perpendicular.	Surg. J. H. Brinton, U.S.V.
86	Gunshot fracture of second and third Metacarpal bones and Carpus.	
87 *	Gunshot fracture of lower fourth of Femur.	Surg. J. H. Brinton, U.S.V.
88 *	Gunshot fracture of middle of Humerus, with conoidal ball.	Do. do. do.
89 *	Gunshot fracture of third and fourth Metacarpal bones.	Asst. Surg. Middleton, U. S. A.
90	Gunshot fracture, comminuted, head and upper half of Humerus.	
91 *	Gunshot fracture of upper third of Radius.	Surg. J. H. Brinton, U.S.V.
92 *	Gunshot fracture of Femur below Trochanters.	Do. do. do.
93 *	Gunshot fracture; excision of ~~Acrumion~~ process and head and neck of Radius.	Brig. General W. A. Hammond, Surg. General U. S. A.
94	Gunshot fracture; excision of head and one inch of shaft of Humerus.	
95	Gunshot fracture of Frontal, Sphenoid, Ethmoid, and Ungual bones.	
96	Gunshot fracture of lower half of shaft of Humerus.	
97	Gunshot fracture of Tarsus and second, third, fourth, and fifth Metatarsal bones.	Brig. Gen'l Wm. A. Hammond, Surg. Gen. U. S. A.
98	Gunshot fracture of Carpus; amputation.	Asst. Surg. J. J. Woodward, U. S. A.
99 *	Gunshot fracture of lower half of Femur.	Surg. J. H. Brinton, U.S.V.

Memorandum

NO. OF SPEC'N.	DESCRIPTION.	NAME OF CONTRIBUTOR.
100 *	Gunshot fracture of Ulna and lower fifth of Humerus, with conoidal ball.	Surg. J. H. Brinton, U.S.V.
101 *	Gunshot fracture of head, neck, and upper fourth of shaft of Humerus.	Surg. I. Moses, U. S. V., Harewood Hosp., Wash- ington, D. C.
102	Gunshot fracture of Tibia and Patella.	
103	Gunshot fracture of middle of Tibia; per- foration of external surface.	
104 *	Gunshot fracture of Humerus; perforation.	Surg. J. H. Brinton, U.S.V.
105 *	Gunshot fracture of Patella and internal condyle of Femur; round ball in condyle.	Do. do. do.
106 *	Gunshot fracture of external condyle of Femur.	Do. do. do.
107 *	Gunshot fracture of lower half of shaft of Femur.	Do. do. do.
108 *	Gunshot fracture of lower fourth of Femur.	Do. do. do.
109 *	Gunshot fracture of shaft of Tibia and Fi- bula.	Do. do. do.
110 *	Gunshot fracture of condyles and lower fifth of Humerus.	Do. do. do.
111 *	Gunshot fracture of Tibia below head.	Do. do. do.
112 *	Gunshot fracture of lower third of Femur.	Do. do. do.
113 *	Gunshot fracture of lower half of Femur.	Do. do. do.
114 *	Gunshot fracture of upper third of Tibia.	Do. do. do.
115 *	Gunshot fracture of Patella; round ball im- bedded in internal condyle of Femur.	
116 *	Gunshot fracture of Acetabulum; ball en- tering Thyroid foramen, and wounding Rectum.	
117 *	Gunshot fracture of lower half of shaft of Humerus.	Surg. J. H. Brinton, U.S.V.
118 *	Gunshot fracture of middle of Femur, with sequestrum and deposit of callus.	Asst. Surg. B. A. Clements, U. S. A., College Hosp., Georgetown, D. C.
119 *	Gunshot fracture of lower extremity of Tibia and Fibula.	Surg. J. H. Brinton, U.S.V.
120 *	Gunshot fracture of Knee joint; Patella, Femur, and Tibia.	Ass't Surg. B. A. Clements, U. S. A., College Hosp., Georgetown, D. C.
121	Gunshot fracture of Knee joint; Patella, and Condyles.	Do. do. do.
122 *	Gunshot fracture of body of inferior Maxilla.	Surg. J. H. Brinton, U.S.V.
123 *	Gunshot fracture of middle of Femur.	Do. do. do.
124 *	Gunshot fracture of Elbow; Humerus, and Ulna.	Do. do. do.
125	Gunshot fracture of head of Femur, with conoidal ball, imbedded.	Surg. R. H. Alexander, U. S.A., Pat't Office Hosp., Washington, D. C.
126	Gunshot fracture of great Trochanter.	Do. do. do.
127 *	Gunshot fracture of shaft of Femur.	Surg. A. V. Dougherty, U. S. V., Hoffman's Hosp., Sharpsburg, Md.
128 *	Gunshot fracture of middle of Humerus.	Surg. J. H. Brinton, U.S.V.
129 *	Gunshot fracture of Tibia and Fibula be- low middle.	Do. do. do.
130 *	Gunshot fracture, extending across the right, and half of the left Parietal bone.	

NO. OF SPEC'N.	DESCRIPTION.	NAME OF CONTRIBUTOR.
131 *	Gunshot fracture of Parietal bone (trephined.)	Surg. I. Moses, U. S. V., Harewood Hosp., Wash- ington, D. C.
132 *	Gunshot fracture of external condyle of Humerus.	
133 *	Gunshot fracture of Carpus and Radius.	A. Ass't Surg. F. H. Brown, U. S. A.
134 *	Gunshot fracture of shaft of Femur.	Surg. J. H. Brinton, U. S. V.
135 *	Gunshot fracture of third and fourth Meta- carpal bones.	Ass't Surg. C. A. McCall, Mt. Pleasant Hospital, Washington, D. C.
136	Gunshot fracture of Astragalus and Os- Calcis.	Do. do. do.
137	Gunshot fracture of middle of Clavicle.	Ass't Surg. S. A. Storrow, U. S. A., Eckington Hosp., Washington, D. C.
138 *	Gunshot fracture of head of Tibia.	A. Ass't Surg. J. Nichols, U. S. A.
139 *	Gunshot fracture of Temporal bone; frag- ments of ball imbedded in inner table.	Surg. O. A. Judson, U. S. V., Carver Hosp., Wash- ington, D. C.
140 *	Gunshot fracture (partial) of Femur.	Do. do. do.
141 *	Gunshot fracture of head of Tibia, with conoidal ball imbedded.	Do. do. do.
142 *	Gunshot fracture of Temporal bone, and bones of side of Face and Orbit.	Do. do. do.
143	Bone from end of stump of amputated Fe- mur.	Do. do. do.
144	Gunshot fracture of shaft of Femur.	Do. do. do.
145 *	Gunshot fracture of Humerus at junction of middle and lower third; excision.	Do. do. do.
146 *	Gunshot fracture of Humerus at junction of middle and upper third.	Do. do. do.
147 *	Gunshot fracture of head of Tibia; conoidal ball imbedded.	Do. do. do.
148 *	Gunshot fracture of bodies of Lumbar Ver- tebrae.	
149 *	Gunshot fracture of upper half shaft of Ulna.	Surg. J. H. Brinton, U. S. V.
150	Gunshot fracture of Tibia, with conoidal ball in Medullary Canal.	Surg. J. C. Dorr, U. S. V., Ascension Hosp., Wash- ington, D. C.
151	Gunshot fracture of shaft of Femur; excis- ion.	Do. do. do.
152	Gunshot fracture of upper half shaft of Humerus.	
153	Gunshot fracture of upper third shaft of Ulna.	
154	Gunshot fracture of head of Tibia and in- ternal condyle of Femur.	
155	Gunshot fracture of upper half of Humerus; excision.	
156	Gunshot fracture of neck of Radius, with flattened buck shot.	Surg. J. C. Dorr, U. S. V., Ascension Hosp., Wash- ington, D. C.
157	Caries of Carpus and Metacarpus.	Ass't Surg. C. A. McCall, U. S. A., Mt. Pleasant Hosp., Washington, D. C.

No. OF SPEC'N.	DESCRIPTION.	NAME OF CONTRIBUTOR.
158	Gunshot fracture of condyles of Femur.	Surg. D. W. Bliss, U. S. V., Armory Square Hospital, Washington, D. C.
159	Gunshot fracture of Elbow joint.	
160 *	Gunshot fracture of Humerus, transverse, with long fissure extending up the shaft.	Ass't Surg. Warren Web- ster, U. S. A., Douglas Hosp., Washington, D. C.
161	Gunshot fracture of Mastoid process of Temporal bone.	Ass't Surg. C. A. McCall, U. S. A., Mt. Pleasant Hosp., Washington, D. C.
162	Gunshot fracture of lower half of Humerus.	
163	Gunshot fracture of lower half of Humerus.	Ass't Surg. C. A. McCall, U. S. A., Mt. Pleasant Hosp., Washington, D. C.
164 *	Gunshot fracture; conoidal ball perforating anterior surface of Femur above con- dyles, lodging in Medullary Canal; fis- sure up the shaft.	Do. do. do.
165	Gunshot fracture of Humerus and Ulna at Elbow joint.	Do. do. do.
166	Gunshot fracture of upper third of Ulna.	Do. do. do.
167	Gunshot fracture of Ankle joint.	Do. do. do.
168	Gunshot fracture, comminuted, of condyles of Humerus.	Do. do. do.
169	Gunshot fracture of Ilium at upper border of Acetabulum.	Surg. O. A. Judson, U. S. V., Carver Hosp., Wash- ington, D. C.
170	Gunshot fracture, perforation of Femur above condyles.	
171 *	Gunshot fracture; lower third of Femur.	
172	Gunshot fracture of anterior superior Spi- nous process of Ilium; conoidal ball imbedded.	
173 *	Gunshot fracture of Elbow joint.	Surg. Jos. R. Smith, U. S. A.
174 *	Gunshot fracture, comminuted, of shaft of Radius and Ulna.	Do. do. do.
175 *	Gunshot fracture of inner condyle of Femur.	Do. do. do.
176 *	Gunshot fracture of inner condyle of Femur, and head of Tibia.	Surg. J. C. Dorr, U. S. V., Ascension Hosp., Wash- ington, D. C.
177	Gunshot fracture lower third of Femur; fissure running into joint.	Do. do. do.
178 *	Gunshot fracture of dorsum and head of Scapula.	
179 *	Gunshot fracture of middle of Tibia and Fibula.	
180	Gunshot fracture of lower fourth of Femur; conoidal ball imbedded.	Surg. D. W. Bliss, U. S. V., Armory Square Hospital, Washington, D. C.
181 *	Gunshot fracture; excision of Elbow joint.	A. Ass't Surg. A. G. Reed, U. S. A., Armory Square Hosp., Washington, D. C.
182	Gunshot fracture of shaft of Humerus.	Surg. D. W. Bliss, U. S. V., Armory Square Hospital, Washington, D. C.
183	Gunshot fracture, detaching Mastoid pro- cess of Temporal bone.	Do. do. do.

NO. OF SPEC N.	DESCRIPTION.	NAME OF CONTRIBUTOR.
184 *	Gunshot fracture, perforation of lower fourth of shaft of Femur.	Surg. O. A. Judson, U. S. V., Carver Hosp., Washington, D. C.
185	Gunshot fracture of head of Humerus.	Surg. D. W. Bliss, U. S. V., Armory Square Hospital, Washington, D. C.
186	Gunshot fracture of shaft of Humerus.	Do. do. do.
187	Gunshot fracture of shaft of Femur.	Surg. O. A. Judson, U. S. V., Carver Hosp., Washington, D. C.
188	Gunshot fracture of Astragalus, Os-Calcis, and Scaphoid.	
189	Gunshot fracture, perforation of head of Humerus.	Surg. D. W. Bliss, U. S. V., Armory Square Hospital, Washington, D. C.
190	Gunshot fracture of head and upper fourth of Humerus.	Do. do. do.
191	Gunshot fracture of internal Malleolus, Calcaneus, and Astragalus.	Do. do. do.
192	Gunshot fracture of shaft of Humerus.	Do. do. do.
193	Gunshot fracture of middle of Tibia and Fibula.	Do. do. do.
194	Gunshot fracture of Elbow.	Do. do. do.
195	Gunshot fracture of Ulna and Humerus at Elbow joint.	Do. do. do.
196	Gunshot fracture of Elbow joint.	Do. do. do.
197	Gunshot fracture of condyles of Humerus and lower third of shaft.	Do. do. do.
198	Gunshot fracture of upper third of Humerus; excision of.	Surg. R. H. Alexander, U. S. A.
199	Gunshot fracture of shaft of Femur.	Surg. D. W. Bliss, U. S. V., Armory Square Hospital, Washington, D. C.
200	Gunshot fracture of shaft of Humerus (perforated.)	Surg. J. C. Dorr, U. S. V., Ascension Hosp., Washington, D. C.
201	Gunshot fracture of shaft of Humerus (comminuted.)	Do. do. do.
202	Gunshot fracture; excised lower extremity of Humerus, and Olecranon and Coronoid processes of Ulna.	Do. do. do.
203	Gunshot fracture of Elbow; excision of.	Surg. D. W. Bliss, U. S. V., Armory Square Hospital, Washington, D. C.
204	Gunshot fracture of shaft of Humerus.	Do. do. do.
205	Gunshot fracture of Elbow joint.	Do. do. do.
206	Gunshot fracture of head and neck of Radius.	Do. do. do.
207	Gunshot fracture of shaft of Humerus.	Do. do. do.
208 *	Gunshot fracture of Tarsus (caries of).	Surg. O. A. Judson, U. S. V., Carver Hosp., Washington, D. C.
209	Gunshot fracture of shaft of Femur (comminuted.)	Do. do. do.
210	Gunshot fracture of Fibula at articulation with Astragalus; Tibia grazed.	Surg. H. S. Hewit, U. S. V., General Hospital No. 5, Frederick, Md.
211	Gunshot fracture of Carpus.	

NO. OF SPEC'N.	DESCRIPTION.	NAME OF CONTRIBUTOR.
212 *	Gunshot fracture of Tibia; shaft grazed by fragment of shell.	
213 *	Gunshot fracture of upper third of shaft of Femur.	
214 *	Bones of Leg amputated subsequent to Pirogoff's Operation.	A. Ass't Surg. S. D. Gross, U. S. A., General Hosp., Philadelphia.
215	Gunshot fracture of internal condyle of Femur.	
216	Gunshot fracture of Supra Orbital Ridge; round ball lying on Orbital Plate.	Surg. Jas. Hopkinson, U S. V., General Hospital, Philadelphia.
217	Gunshot fracture of shaft of Humerus.	Surg. D. W. Bliss, U. S. V., Armory Square Hospital, Washington, D. C.
218	Gunshot fracture of neck of Radius.	Do. do. do.
219	Gunshot fracture of middle of Humerus.	Surg. O. A. Judson, U. S. V., Carver Hosp., Wash- ington, D. C.
220	Gunshot fracture of head and upper fourth of Humerus, and head of Scapula.	
221 *	Gunshot fracture of bones of Foot.	Surg. H. S. Hewitt, U. S. V., General Hosp. No. 5, Frederick, Md.
222 *	Gunshot fracture of Elbow joint.	A. Ass't Surg. E. Livezey, U. S. A., General Hosp., Philadelphia.
223 *	Gunshot fracture of Elbow joint.	Do. do. do.
224 *	Gunshot fracture of Cranium; depression of both Tables.	Do. do. do.
225 *	Amputated Arm subsequent to excision of Elbow.	
226	Gunshot fracture of Tibia below Tubercle.	
227 *	Gunshot fracture of Knee joint.	A. Ass't Surg. R. P. Thom- as, U. S. A., Gen'l Hosp., Philadelphia.
228 *	Gunshot fracture of external condyle of Femur.	A. Ass't Surg. W. Hunt, U. S. A., General Hosp., Philadelphia.
229 *	Gunshot fracture of external condyle of Humerus, and head and neck of Radius.	A. Ass't Surg. S. D. Gross, U. S. A., General Hosp., Philadelphia.
230	Gunshot fracture of Sacrum.	Surg. C. Page, U. S. A., Ju- diciary Square Hospital, Washington, D. C.
231 *	Gunshot fracture of Patella, and internal condyle of Femur.	A. Ass't Surg. S. D. Gross, U. S. A., General Hosp., Philadelphia.
232 *	Gunshot fracture of shaft of Femur.	A. Ass't Surg. W. Hunt, U. S. A., General Hosp., Philadelphia.
233 *	Gunshot fracture of neck, Trochanters and upper half of Femur; attempt at union; extensive deposit of Callus.	Surg. A. Bournonville, U. S. V., General Hospital, Philadelphia.

NO. OF SPEC'N.	DESCRIPTION.	NAME OF CONTRIBUTOR.
234 *	Gunshot fracture of Coracoid and Acromion processes of Scapula; Clavicle, and upper fourth of Humerus; absorption of head of Humerus.	Surg. A. Bournonville, U. S. V., General Hospital, Philadelphia.
235 *	Sabre fracture of right Parietal bone.	Asst. Surg. Warren Webster, U. S. A., Douglas Hosp., Washing'n, D. C.
236 *	Gunshot fracture of Os-Frontis and Parietal, from shell.	Do. do. do.
237	Gunshot fracture of inner condyle of Femur; excision.	Surg. D. W. Bliss, U. S. V., Armory Square Hospital, Washington, D. C.
238 *	Gunshot fracture of lower fourth of shaft of Femur, comminuted, attempt at union, with conoidal ball.	A. Ass't Surg. W. Hunt, U. S. A., General Hosp., Philadelphia.
239	Gunshot fracture of Scapula, and head of Humerus, extending into shaft.	
240 *	Gunshot fracture of lower third of shaft of Femur; deposit of Callus and Sequestra.	A. Ass't Surg. W. Hunt, U. S. A., General Hosp., Philadelphia.
241 *	Gunshot fracture of Tibia and Fibula at Ankle joint.	Surg. Squier, General Hospital, Keedysville, Md.
242 *	Gunshot fracture of external condyle of Femur, and head of Tibia.	Do. do. do.
243 *	Gunshot fracture of Carpus.	Asst. Surg. A. M. Clark, U. S. V., Union Hotel Hosp., Georgetown, D. C.
244	Gunshot fracture below middle of Femur, with deposit of Callus and Sequestra.	Surg. J. C. Dorr, U. S. V., Ascension Hosp., Washington, D. C.
245 *	Gunshot fracture of Clavicle, Scapula, and Ribs.	Surg. Wynkoop, U. S. V., Cranch Hospital, Washington, D. C.
246 *	Gunshot fracture (comminuted) of lower half of shaft of Femur.	Surg. J. H. Brinton, U. S. V.
247 *	Gunshot fracture of upper third of shaft of Femur.	Do. do. do.
248 *	Gunshot fracture of upper half of Humerus.	Do. do. do.
249 *	Gunshot fracture (transverse) of Femur at middle of shaft.	Do. do. do.
250 *	Gunshot fracture (transverse) of Humerus, with conoidal ball.	Do. do. do.
251 *	Gunshot fracture of Tibia and Fibula at middle.	Do. do. do.
252 *	Gunshot fracture of external condyle of Femur.	Do. do. do.
253 *	Gunshot fracture of middle of shaft of Tibia.	Do. do. do.
254 *	Gunshot fracture at Ankle joint, ball grazing posterior aspect of Tibia and Fibula.	Surg. Bronson, U. S. V.
255 *	Gunshot fracture of head and neck of Humerus.	Surg. J. H. Brinton, U. S. V.
256 *	Gunshot fracture of Knee joint.	A. Ass't Surg. S. D. Gross, U. S. A., General Hosp., Philadelphia.
257 *	Gunshot fracture of Cranium, trephined disc, with conoidal ball.	Surg. J. H. Brinton, U. S. V.

NO. OF SPEC'N.	DESCRIPTION.	NAME OF CONTRIBUTOR.
258 *	Gunshot fracture of Tibia; large fragment.	Surg. J. H. Brinton, U.S. V.
259 *	Gunshot fracture of head of Humerus, comminuted.	
260 *	Gunshot fracture of lower fourth of Humerus.	Do. do. do.
261 *	Gunshot fracture of Os-Frontis; trephined and depressed portions removed.	A. Asst. Surg. D. W. Cheever, U. S. A., Judiciary Square Hospital, Washington, D. C.
262	Gunshot fracture of Knee joint.	Surg. J. L. Leconte, U. S. V., General Hospital, Chester, Penn.
263	Gunshot fracture of Os-Calcis.	Surg. J. L. Leconte, U. S. V., General Hospital, Chester, Penn.
264 *	Gunshot fracture of Carpus, and carpal extremity of Radius.	
265 *	Gunshot fracture of Femur above condyles.	Surg. J. H. Brinton, U.S. V.
266 *	Gunshot fracture of condyles of Humerus.	Surg. J. H. Brinton, U.S. V.
267 *	Upper half of Humerus, from stump after amputation.	Surg. J. L. Leconte, U. S. V., General Hospital, Chester, Penn.
268	Gunshot fracture of inner condyle of Femur.	Surg. W. Clendenin, U. S. V., Emory Hosp., Washington, D. C.
269	Gunshot fracture of Elbow joint, inner condyle split off and united by bridge of Callus.	Surg. J. L. Leconte, U. S. V., General Hospital, Chester, Penn.
270 *	Gunshot fracture of shaft of Tibia; round ball in Medullary Canal.	
271 *	Gunshot fracture of lower half of Humerus.	Do. do. do.
272 *	Gunshot fracture of Radius below middle of shaft; union.	Do. do. do.
273	Gunshot fracture of Radius, middle third; excision and subsequent amputation.	Do. do. do.
274 *	Gunshot fracture of Knee joint; external condyle of Femur.	Surg. Squier, General Hospital, Keedysville, Md.
275 *	Gunshot fracture of lower third right Tibia and Fibula.	Do. do. do.
276 *	Gunshot fracture of Frontal, Parietal and Sphenoid bones.	Surg. W. Clendenin, U. S. V., Emory Hosp., Washington, D. C.
277 *	Gunshot fracture of head of Tibia and Fibula.	Surg. Jno. T. Hodgen, U. S. V., General Hospital, St. Louis, Mo.
278 *	Gunshot fracture of inner Malleolus.	Do. do. do.
279 *	Second amputation of shaft of Femur.	Do. do. do.
280 *	Stump of Tibia and Fibula, (first amputation through Tubercle.)	Do. do. do.
281 *	Excision of two inches of shaft of Tibia and Fibula.	Do. do. do.
282 *	Gunshot fracture of external condyle of Femur.	Do. do. do.
283 *	Gunshot fracture of upper half shaft of Femur.	Do. do. do.
284 *	Gunshot fracture of Tibia and Fibula below head, (comminuted.)	Surg. Squier, U. S. General Hosp., Keedysville, Md.

No. OF SPEC'N.	DESCRIPTION.	NAME OF CONTRIBUTOR.
285 *	Gunshot fracture of Femur; Sequestrum from.	Surg. T. F. Azpell, U. S. V., U. S. Marine Hospital, St. Louis, Mo.
286	Gunshot fracture of Dorsum and Spine of Scapula.	Surg. Jno. T. Hodgen, U. S. V., General Hospital, St. Louis, Mo.
287 *	Gunshot fracture of Patella, and external Tuberosity of Tibia.	Surg. Squier, U. S. General Hosp., Keedysville, Md.
288 *	Gunshot fracture of Knee; ball grazing external condyle of Femur.	Surg. Jno. T. Hodgen, U. S. V., General Hospital, St. Louis, Mo.
289 *	Gunshot fracture of Tibia and Fibula, (comminuted.)	Asst. Surg. W. Moss, U. S. V.
290 *	Gunshot fracture of external Malleolus.	Surg. J. H. Brinton, U. S. V.
291 *	Gunshot fracture of upper half of Femur, (Caries.)	Surg. Jno. T. Hodgen, U. S. V., General Hospital, St. Louis, Mo.
292 *	Gunshot fracture of condyles of Femur.	Do. do. do.
293	Gunshot fracture of Tarsus.	Do. do. do.
294	Gunshot fracture of external Malleolus.	Do. do. do.
295	Gunshot fracture of Os-Calcis and Astragalus, (comminuted.)	Do. do. do.
296 *	Gunshot fracture of Tarsus and Metatarsus; Syme's Operation.	Surg. Van der Kieft, General Hospital, Smoke-town, Md.
297	Gunshot fracture of condyles of Femur.	Surg. Jno. T. Hodgen, U. S. V., General Hospital, St. Louis, Mo.
298	Gunshot fracture of Astragalus.	Do. do. do.
299	Gunshot fracture of external Malleolus.	Do. do. do.
300 *	Gunshot fracture of Astragalus.	Surg. Van der Kieft, General Hospital, Smoke-town, Md.
301	Gunshot fracture of Malleoli and Astragalus.	Surg. Jno. T. Hodgen, U. S. V., General Hospital, St. Louis, Mo.
302	Gunshot fracture of Tarsal extremity of Tibia.	Do. do. do.
303 *	Gunshot fracture of Os-Calcis; Syme's Operation.	Surg. Van der Kieft, General Hospital, Smoke-town, Md.
304	Ilium and upper third of Femur, exhibiting dislocation.	Surg. Jno. T. Hodgen, U. S. V., General Hospital, St. Louis, Mo.
305	Gunshot fracture lower half of shaft of Tibia and Fibula.	Do. do. do.
306	Upper half of Humerus from stump, after amputation.	Do. do. do.
307	Gunshot fracture of shaft of Femur.	Do. do. do.
308	Gunshot fracture of head of Tibia.	
309	Gunshot fracture of Clavicle, (comminuted.)	Surg. Jno. T. Hodgen, U. S. V., General Hospital, St. Louis, Mo.
310	Second amputation of Femur; bone from.	
311 *	Gunshot fracture lower third of Femur; deposit of Callus.	Surg. Van der Kieft, General Hospital, Smoke-town, Md.

NO. OF SPEC'N.	DESCRIPTION.	NAME OF CONTRIBUTOR.
312	Gunshot fracture of upper third of Humerus.	Surg. Jno. E. Summers, U. S. A., General Hospital, Alexandria, Va.
313 *	Gunshot fracture of shaft of Tibia and Fibula.	Do. do. do.
314 *	Gunshot fracture of Ankle joint; comminuted.	Do. do. do.
315	Gunshot fracture of Humerus; excision of head and three inches of shaft.	Surg. E. Bentley, U. S. V., General Hospital, Alexandria, Va.
316	Gunshot fracture of Tibia and Fibula below joint, (comminuted.)	Dr. Bigelow.
317	Gunshot fracture of Tibia and Fibula at middle of shaft.	Surg. Jno. E. Summers, U. S. A., General Hospital, Alexandria, Va.
318	Gunshot fracture of upper fourth of Radius and Ulna.	Do. do. do.
319	Gunshot fracture of Femur, bone perforated above the Condyles; fissure extending into the joint and up the shaft.	Do. do. do.
320	Gunshot fracture of Radius and Ulna at middle.	Do. do. do.
321	Gunshot fracture of shaft of Tibia, (comminuted.)	Do. do. do.
322	Gunshot fracture of Olecranon process; internal condyle split off.	Do. do. do.
323	Gunshot fracture of head of Tibia, comminuted, with flattened conoidal ball.	Do. do. do.
324 *	Gunshot fracture of Parietal bone; shell wound.	Ass't Surg. B. A. Clements, U. S. A., College Hosp., Georgetown, D.C.
325	Gunshot fracture of head of Humerus; excision of.	Do. do. do.
326 *	Gunshot fracture of Tarsus, (comminuted.)	Surg. Jno. E. Summers, U. S. A., General Hospital, Alexandria, Va.
327 *	Gunshot fracture of Olecranon process; excision of Elbow joint.	Ass't. Surg. B. A. Clements, U. S. A., College Hosp., Georgetown, D.C.
328 *	Gunshot fracture of head, neck, and lesser Trochanter of Femur, with flattened round ball.	Do. do. do.
329 *	Gunshot fracture of head of Femur.	Do. do. do.
330 *	Gunshot fracture of head of Humerus; excision of.	Ass't Surg. C. A. McCall, U. S. A., Mt. Pleasant Hosp., Washington, D.C.
331 *	Gunshot fracture of Elbow joint.	
332 *	Gunshot fracture of Metacarpus.	Surg. Wynkoop, U. S. V., Cranch Hospital, Washington, D. C.
333	Gunshot fracture of upper third of Femur, comminuted; attempt at union.	Surg. D. W. Bliss, U. S. V., Armory Square Hospital, Washington, D. C.
334	Gunshot fracture of Cranium; trephined portion from.	Do. do. do.
335 *	Gunshot fracture of head of Humerus; excision of.	Surg. J. E. Summers, U. S. A., General Hospital, Alexandria, Va.

NO. OF SPEC'N.	DESCRIPTION.	NAME OF CONTRIBUTOR.
336 *	Gunshot fracture of upper third of Humerus; excision of.	Surg. Jno. E. Summers, U. S. A., General Hospital, Alexandria, Va.
337	Gunshot fracture of upper extremity of Ulna.	Surg. W. Varian, U. S. V., General Hospital, New Albany, Ind.
338	Gunshot fracture of shaft of Ulna; excision of.	Do. do. do.
339	Gunshot fracture of shaft of Humerus; excision of.	Do. do. do.
340	Gunshot fracture of shaft of Humerus; excision of.	Do. do. do.
341	Gunshot fracture of Elbow; excision of upper fourth of Radius and Ulna.	Do. do. do.
342	Gunshot fracture of head of Humerus, conoidal pistol ball imbedded; excision of.	Do. do. do.
343 *	Gunshot fracture; excision of condyles of Humerus, and Olecranon process.	Ass't Surg. C. A. McCall, U. S. A., Mt. Pleasant Hosp., Washington, D.C. Ass't Surg. J. W. S. Gouley, U. S. A.
344 *	Gunshot fracture; bullet indentation in Tibia above Malleolus.	Do. do. do.
345 *	Gunshot fracture of right Tibia, comminuted.	Do. do. do.
346 *	Gunshot fracture of shaft of Humerus; excision of one inch of.	Do. do. do.
347 *	Gunshot fracture; pistol ball imbedded in head of Humerus.	Do. do. do.
348	Comp. comminuted fracture of Tibia and Fibula of both legs.	Ass't Surg. J. W. S. Gouley, U. S. A.
349 *	Gunshot fracture of left Femur below middle.	
350 *	Gunshot fracture of external condyle of Humerus.	Ass't Surg. J. W. S. Gouley, U. S. A.
351	Gunshot fracture of Humerus, lower three inches; excision of.	A. Ass't Surg. J. Sloan, U. S. A., New Albany, Ind.
352	Gunshot fracture of Carpus; amputation of Forearm.	Do. do. do.
353 *	Gunshot fracture; round-ball imbedded in Patella.	Ass't Surg. Warren Webster, U. S. A., Douglas Hosp., Washington, D. C.
354	Gunshot fracture of condyles of right Femur.	Greencastle, Pa.
355	Gunshot fracture of right Femur; perforation by buck shot above condyles.	Do. do. do.
356	Gunshot fracture of Tibia; bone indented below inner Tuberosity.	Do. do. do.
357	Gunshot fracture of lower half of Femur,	Ass't Surg. J. N. Gaff, U. S. A., Judiciary Sq're Hosp., Washington, D. C.
358	comminuted; attempt at union.	
359 *	Gunshot fracture of carpal extremity of Radius.	Surg. H. S. Hewit, U. S. V., General Hospital No. 5, Frederick, Md.
360 *	Gunshot fracture of head of Tibia and external condyle of Femur.	Do. do. do.
361 *	Gunshot fracture of lower extremity of Humerus.	Do. do. do.
362 *	Gunshot fracture of Knee joint.	Do. do. do.

NO. OF SPEC'N.	DESCRIPTION.	NAME OF CONTRIBUTOR.
363 *	Gunshot fracture of Calcaneus.	Ass't Surg. Bacon, U.S.A., General Hospital No. 5, Frederick, Md.
364 *	Gunshot fracture of Tarsus and Metatar- sus; Chopart's Operation.	Do. do. do.
365 *	Gunshot fracture of Femur.	Surg. H. S. Hewit, U.S.V., General Hospital No. 5, Frederick, Md.
366 *	Gunshot fracture of Fibula below head; partial fracture of Tibia below Tubercle. fissure into joint.	Do. do. do.
367 *	Gunshot fracture of internal condyle of right Femur.	Do. do. do.
368	Amputation of Arm for Caries and destruc- tion of Elbow joint, following amputa- tion of Forearm.	A. Ass't Surg. H. A. Buck, U. S. A., Cranch Hosp., Washington, D. C.
369 *	Gunshot fracture; perforation of Femur above condyles, fissure into joint.	Surg. H. S. Hewit, U.S.V., General Hospital No. 5, Frederick, Md.
370 *	Fracture of shaft of Femur; excessive de- posit of Callus, enclosing numerous Se- questra.	Dr. B. F. Schenck, Leba- non, Pa.
371	Gunshot fracture of Ulna, (comminuted;) excision of three inches of shaft.	Surg. W. Varian, U S. V., New Albany, Ind.
372	Gunshot fracture (comminuted) of distal half of left Clavicle; excision.	Do. do. do.
373 *	Gunshot fracture of Ulna; excision.	Surg. Meredith Clymer, U. S. V.
374	Gunshot fracture of upper third of Femur.	
375	Gunshot fracture of Patella.	
376 *	Gunshot fracture of Patella and Femur, (comminuted.)	Surg. H. S. Hewit, U.S.V., General Hospital No. 5, Frederick, Md.
377 *	Gunshot fracture perforation of head of Tibia, head of Fibula grazed.	Do. do. do.
378 *	Gunshot fracture of head and upper fourth of Tibia, (comminuted.)	Do. do. do.
379 *	Gunshot fracture of upper third of Femur, (comminuted.)	Surg. A. Dougherty, U. S. V., Gen'l Hosp., Sharps- burg, Md.
380 *	Gunshot fracture of lower half shaft of Femur.	Surg. G. Grant, U. S. V., Gen'l Hospital, Sharps- burg, Md.
381 *	Gunshot fracture of lower third of Humerus.	Surg. A. Dougherty, U. S. V., Gen'l Hos., Sharps- burg, Md.
382 *	Gunshot fracture of upper half of Humerus, (comminuted;) excision.	Ass't Surg. A. H. Smith, U. S. A., Gen'l Hospital, Frederick, Md.
383	Gunshot fracture of lower fourth of Fibula, and internal Malleolus.	Ass't Surg. J. W. S. Gou- ley, U. S. A.
384	Gunshot fracture of lower third of Tibia and Fibula, (comminuted.)	Do. do. do.
385	Anchylosed Elbow joint.	Do. do. do.
386 *	Gunshot fracture of Os-Calcis and Astraga- lus.	A. Ass't Surg. W. W. U. S. A., Gen'l H Frederick, Md.

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387 *	Gunshot fracture; excised head and four inches of shaft of Humerus.	A. Ass't Surg. S. D. Gross, U. S. A., Philadelphia.
388 *	Gunshot fracture; excised head of Humerus.	Do. do. do.
389	Second amputation of Femur.	Surg. Jno. T. Hodgen, U. S. V., General Hospital, St. Louis, Mo.
390	Gunshot fracture of lower sixth of Tibia and Fibula.	Do. do. do.
391	Gunshot fracture of Ankle joint.	Surg. Lavington Quick, U. S. V., Gen'l Hospital, Baltimore, Md.
392 *	Gunshot fracture (depressed) of left Parietal bone, near Lambdoidal Suture.	Surg. C. W. Jones, U.S.V., General Hospital, Balti- more, Md.
393 *	Gunshot fracture (fissured) of Os-Frontis, near Squamous Suture.	Do. do. do.
394	Gunshot fracture of Femur; excision of shaft.	Surg. Lavington Quick, U. S. V., Gen'l Hospital, Baltimore, Md.
395	Gunshot fracture of condyles of Humerus.	Surg. Hasson, U. S. A., General Hospital, Balti- more, Md.
396	Gunshot fracture of Femur; excision.	Do. do. do.
397	Gunshot fracture of Femur at middle, with Sequestra and deposit of Callus.	Surg. Lavington Quick, U. S. V., Gen'l Hospital, Baltimore, Md.
398 *	Gunshot fracture of Tibia; excision.	Surg. Lavington Quick, U. S. V., Gen'l Hospital, Baltimore, Md.
399	Gunshot fracture of lower fourth of Humerus.	Do. do. do.
400 *	Gunshot fracture of head of Femur; excision.	Do. do. do.
401 *	Gunshot fracture of external condyle of Humerus and head of Radius.	A. Ass't Surg. A. A. Hines, U. S. A., Gen'l Hospital, Frederick, Md.
402 *	Gunshot fracture of Ankle joint.	Surg. H. S. Hewit, U.S. V., General Hospital No. 5, Frederick, Md.
403	Gunshot fracture of Tarsus.	Surg. Hasson, U. S. A., General Hospital, Balti- more, Md.
404	Gunshot fracture of Tarsus.	Do. do. do.
405	Gunshot fracture of Metatarsus.	Do. do. do.
406	Gunshot fracture of Metatarsus; fragments from.	Surg. Lavington Quick, U. S. V., Gen'l Hospital, Baltimore, Md.
407 *	Gunshot fracture of Radius; fragments from.	Surg. C. W. Jones, U.S.V., General Hospital, Balti- more, Md.
408	Gunshot fracture of Femur; fragments from.	Surg. Hasson, U. S. A., General Hospital, Balti- more, Md.
409	Exostosis removed from below internal Tuberosity of Tibia.	Surg. S. D. Freeman, U. S. V., Gen'l Hospital, Balti- more, Md.

NO. OF SPEC'N.	DESCRIPTION.	NAME OF CONTRIBUTOR.
410 *	Gunshot fracture of both plates of Parietal bone; Spiculæ from.	Surg. C. W. Jones, U.S.V., General Hospital, Baltimore, Md.
411 *	Gunshot fracture of Squamous portion of Temporal bone; fragments.	Surg. Lavington Quick, U. S. V., Gen'l Hospital, Baltimore, Md.
412 *	Gunshot fracture of Tibia; fragments from.	Do. do. do.
413 *	Gunshot fracture of inferior Maxillary bone.	Do. do. do.
414 *	Gunshot fracture of Humerus; fragments from.	Do. do. do.
415	Excised portions of Spine of Scapula and Acromion process; non-traumatic abscess.	Do. do. do.
416	Gunshot fracture of internal condyle of Femur.	Do. do. do.
417	Gunshot fracture (partial) of lower two inches of Tibia, extending into joint.	Do. do. do.
418	Gunshot fracture of Elbow joint.	Do. do. do.
419	Gunshot fracture of lower extremity of Tibia.	Do. do. do.
420	Gunshot fracture of Ankle joint.	Do. do. do.
421	Gunshot fracture of Ilium; fragments from.	Do. do. do.
422 *	Gunshot fracture; trephined disc from Os-Frontis; a depressed Spicula of inner Table, at a right angle to it; buck shot imbedded in its centre.	Surg. D. W. Bliss, U.S.V., Armory Square Hospital, Washington, D. C.
423	Gunshot fracture of Femur; fragments from.	Surg. Hasson, U. S. A., General Hospital, Baltimore, Md.
424	Gunshot fracture of Ankle joint; fragments from.	Do. do. do.
425	Gunshot fracture of Femur; fragments from.	Do. do. do.
426	Gunshot fracture of Femur; do.	Do. do. do.
427	Gunshot fracture of Ulna; do.	Do. do. do.
428	Gunshot fracture of Tibia; excision from middle of shaft.	Surg. Lavington Quick, U. S. V., Gen'l Hospital, Baltimore, Md.
429	Gunshot fracture of Tibia; fragments from.	Do. do. do.
430	Gunshot fracture of Occipital bone; do.	Do. do. do.
431	Gunshot fracture of Ilium; do.	Do. do. do.
432	Gunshot fracture of Ilium; do.	Do. do. do.
433	Gunshot fracture of inner condyle of Humerus; fragments from.	Surg. Hasson, U.S.A., Gen. Hosp., Baltimore, Md.
434 *	Gunshot fracture of Humerus; fragments from.	Do. do. do.
435 *	Gunshot fracture; excision of condyles of Humerus, head of Radius, and Olecranon process.	Surg. H. S. Hewit, U. S. V., General Hospital, No. 5, Frederick, Md.
436 *	Gunshot fracture of lower third of Femur.	A. Ass't Surg. Webb, U. S. A., Gen'l Hosp., Frederick, Md.
437 *	Gunshot fracture of Carpus.	Ass't Surg. Phil. Adolr' U. S. A., Gen'l Hosp. Frederick. M ^d
438	Gunshot fracture of Wrist; fragments excised from.	Surg. H. Gen. Fred
439 *	Gunshot fracture of Astragalus and internal Malleolus; fissure up shaft of Tibia.	Do.

No. OF SPEC'N.	DESCRIPTION.	NAME OF CONTRIBUTOR.
440	Gunshot fracture of head of Humerus, excised, with conoidal ball.	Surg. H. S. Hewit, U. S. V., General Hospital No. 5, Frederick, Md.
441	Gunshot fracture of upper half shaft of Humerus.	Do. do. do.
442 *	Gunshot fracture of inner condyle of Femur.	A. Ass't Surg. J. H. Pea- body, U. S. A., General Hosp., Frederick, Md.
443 *	Gunshot fracture of Elbow joint; excision of.	Surg. J. B. Lewis, U. S. V., General Hospital, Fred- erick, Md.
444 *	Gunshot fracture of Tibia at Tubercle.	A. Ass't Surg. A. A. Hines, U. S. A., Gen'l Hospital, Frederick, Md.
445 *	Gunshot fracture of condyles of Femur; fragments excised from.	Surg. H. S. Hewit, U. S. V., General Hospital No. 5, Frederick, Md.
446 *	Gunshot fracture, comminuted, of head of Humerus; 27 fragments.	Do. do. do.
447 *	Gunshot fracture, perforation of Tibia at Tubercle.	Ass't Surgeon Philip Adol- phus, U. S. A., Gen. Hosp., Frederick, Md.
448 *	Gunshot fracture, dent above inner con- dyle of Femur.	Surg. H. S. Hewit, U. S. V., General Hospital No. 5, Frederick, Md.
449 *	Gunshot fracture, perforation of Tibia at Tubercle.	Surg. J. B. Lewis, U. S. V., Gen'l Hosp., Frederick, Md.
450 *	Gunshot fracture, comminuted, upper half shaft of Radius, conoidal ball imbedded.	Do. do. do.
451 *	Gunshot fracture (comminuted) of head of Humerus; head and one inch of shaft excised.	A. Ass't Surg. J. H. Pea- body, U. S. A., General Hosp., Frederick, Md.
452 *	Gunshot fracture of Humerus; excised fragments.	Surg. H. S. Hewit, U. S. V., General Hospital No. 5, Frederick, Md.
453 *	Gunshot fracture of internal Tuberosity of Tibia from shell.	A. Ass't Surg. J. H. Pea- body, U. S. A., General Hosp., Frederick, Md.
454 *	Gunshot fracture of upper fourth shaft of Humerus.	Ass't Surg. Wm. Notson, U. S. A., Gen'l Hospital, Frederick, Md.
455 *	Gunshot fracture of upper third shaft of Humerus.	Do. do. do.
456 *	Gunshot fracture of Tibia and Patella.	A. Ass't Surg. W. W. Keen, U. S. A., Gen'l Hospital No. 1, Frederick, Md.
457 *	Gunshot fracture of external condyle of Femur from shell.	Dr. G. Chaddock, Gen'l Hosp., Frederick, Md.
458 *	Gunshot fracture of Elbow; excision of lower extremity of Humerus and upper of Ulna.	Surg. H. S. Hewit, U. S. V., General Hospital No. 5, Frederick, Md.
459 *	Gunshot fracture of Tibia at inner side of Tubercle.	Ass't Surgeon Wm. Moss, U. S. V.
460 *	Gunshot fracture of Femur.	Do. do. do.
461	Gunshot fracture of Tibia; spiculæ from.	Surgeon Hasson, U. S. A., Gen'l Hosp., Baltimore.

No. OF SPEC'N.	DESCRIPTION.	NAME OF CONTRIBUTOR.
462	Compound fracture of neck, Trochanters, and upper third of shaft of Femur; deposit of Callus and Sequestra.	Surg. Hasson, U.S.A., Gen. Hosp., Baltimore, Md.
463	Gunshot fracture of inferior Maxillary bone.	Surg. C W. Jones, U. S. V., Gen'l Hosp., Baltimore, Md.
464	Gunshot fracture of Tarsus.	A. Ass't Surgeon Butler, U. S. A., Union Chapel Hosp., Washington, D.C.
465	Gunshot fracture; round ball grazing right Femur at junction of head and neck.	Surg. Jno. T. Hodgen, U. S. V., Gen'l Hosp., St. Louis, Mo.
466	Gunshot fracture; round ball perforating greater Trochanter and neck of Femur, fissure into shaft.	Do. do. do.
467	Lower half of Femur; amputated subsequent to amputation at Knee joint for gunshot.	Do. do. do.
468	Gunshot fracture of posterior surface of inner condyle of Femur, (round ball.)	Do. do. do.
469	Gunshot fracture, from Enfield ball, perforating head of Tibia obliquely; fracture extending into joint.	Do. do. do.
470	Gunshot fracture, comminuted, of lower extremity of Tibia, Astragalus, and Os Calcis.	Do. do. do.
471	Gunshot fracture of lower third of Femur, shaft perforated.	Do. do. do.
472	Gunshot fracture of lower sixth of Radius.	A. Ass't Surg. McGuigan, U. S. A., Hosp. 9th Army Corps, Falmouth, Va.
473	Gunshot fracture of lower third of Femur.	Do. do. do.
474 *	Gunshot fracture, comminuted, of whole extent of Radius and Ulna.	Ass't Surgeon W. Moss, U. S. V.
475	Gunshot fracture of lower half of shaft of Femur, with flattened round ball; amputated.	Surg. Leonard, 59th N. Y. Vols., Hosp. 9th Army Corps, Falmouth, Va.
476	Gunshot fracture of Femur.	Ass't Surg. Ch. Lee, U. S. A., Falmouth, Va.
477	Gunshot fracture of upper half shaft of Humerus.	Surg. Leonard, 59th N. Y. V., Hosp. 9th Army Corps, Falmouth Va.
478	Gunshot fracture of Radius and Ulna.	Do. do. do.
479	Gunshot fracture of upper third of Tibia and Fibula.	Do. do. do.
480	Gunshot fracture of lower half of Tibia and Fibula.	Do. do. do.
481	Gunshot fracture of Femur; amputation.	A. Ass't Surg. J. McGuigan, U. S. A., Hosp. 9th Army Corps, Falmouth.
482	Gunshot fracture of shaft of Femur; amputation.	Surg. Leonard, 59th N. Y. V., Hosp. 9th Army Corps, Falmouth, Va.
483	Gunshot fracture of lower third shaft of Humerus; amputation.	A. Ass't Surg. Jas. McGuigan, U. S. A., Hosp. 9th Army Corps, Falmouth, Va.

NO. OF SPEC'N	DESCRIPTION.	NAME OF CONTRIBUTOR.
484 *	Gunshot fracture of Knee joint.	Ass't Surg. W. Moss, U. S. V.
485 *	Gunshot fracture of Knee joint.	Do. do. do.
486 *	Gunshot fracture of shaft of Humerus, with flattened conoidal ball.	A. Ass't Surg. Horatio Stone, U. S. A., Patent Office Hosp., Washington, D. C.
487 *	Gunshot fracture of Radius; excision of lower half of; caries of Carpal end of Ulna; amputation.	Dr. J. H. Jamar, Patent Office Hospital, Washington, D. C.
488 *	Gunshot fracture of Knee joint.	A. Ass't Surg. Charbonnier, U. S. A., General Hosp. No. 5, Frederick, Md.
489 *	Gunshot fracture; Knee joint traversed by ball; internal edge of head of Tibia grazed.	Surg. Hewit, U. S. V., General Hosp. No. 5, Frederick, Md.
490	Gunshot fracture, transverse of Tibia, two inches above joint, and of Fibula above Malleolus, with conoidal ball.	Ass't Surg. G. M. McGill, U. S. A., Hosp. 9th Army Corps, Falmouth, Va.
491,	Gunshot fracture of upper third of Humerus; amputated.	Do. do. do.
492	Gunshot fracture of shaft of Humerus.	Surg. McDonald, 75th N. Y. Vols., Medical Inspector 9th Army Corps, Falmouth, Va.
493	Gunshot fracture of Tibia and Fibula.	A. Ass't Surg. Jas. McGuigan, U. S. A., Falmouth, Va.
494 *	Gunshot fracture of head of Ulna; amputation of Arm.	A. Ass't Surg. Wm. Eddy, U. S. A., Judiciary Sq're Hosp., Washington, D. C.
495	Gunshot fracture of Hand.	Surg. McDonald, 79th N. Y. Vols., Medical Inspector 9th Army Corps, Falmouth, Va.
496 *	Gunshot fracture of left Parietal bone; Calvarium, Trephined disc, and fragments; oblique fissure across bone.	Ass't Surg. S. A. Storrow, U. S. A., Eckington Hosp., Washington, D. C.
497	Gunshot fracture upper half of Radius and Ulna, and external condyle of Humerus.	Surg. De Benneville, 11th P. R. V. C., Falmouth, Va.
498	Gunshot fracture of Elbow joint; Condyles, Olecranon, and head of Radius.	Do. do. do.
499	Gunshot fracture of Femur.	Ass't Surg. Wm. Moss, U. S. V.
500 *	Gunshot fracture of Tibia below Tubercle, with flesh wound of entrance; round ball in Medullary Canal.	A. Ass't Surg. W. W. Keen, jr., U. S. A., Gen'l Hosp. No. 1, Frederick, Md.
501 *	Portion of Humerus from second amputation for Secondary Hemorrhage of Brachial Artery.	Do. do. do.
502 *	Gunshot fracture of Finger.	Ass't Surg. Hubbard, U. S. A., Ryland Chapel Hosp., Washington, D. C.
503 *	Gunshot fracture of Thumb.	
504	Gunshot wound near Heart; ball imbedded between Arteria Innominata and Vena Cava descendens.	Surg. D. W. Bliss, U. S. V., Armory Square Hospital, Washington, D. C.

No. OF SPEC'N.	DESCRIPTION.	NAME OF CONTRIBUTOR.
505 *	Clot in anterior portion of Cerebrum, from gunshot fracture of Occipital bone.	A. Ass't Surg. C. G. Page, U.S.A., Judiciary Square Hosp., Washington, D.C.
506	Gunshot fracture; excised portions of second, third, and fourth Metatarsal bones.	A. Ass't Surg. D. W. Cheever, U. S. A., Judiciary Square Hospital, Washington, D. C.
507 *	Ligated Femoral Artery; case of Secondary Hemorrhage after amputation.	A. Ass't Surg. W. W. Keen, jr., U.S.A., General Hosp. No. 1, Frederick, Md.
508 *	Ligated Femoral Artery; Secondary Hemorrhage after amputation.	Ass't Surg. D. W. Cheever, U. S. A., Judiciary Square Hospital, Washington, D. C.
509 *	Gunshot, false Aneurism of Femoral Artery.	Ass't Surg. Warren Webster, U. S. A., Douglas Hospital, Washington, D. C.
510 *	Gunshot wound of Bladder; walls two inches in thickness; cavity size of a walnut.	Ass't Surg. Butler, U. S. A., Union Chapel Hospital, Washington, D.C.
511	Gunshot fracture of Spinous process of third Lumbar Vertebra.	Ass't Surg. Ch. C. Byrne, U. S. A.
512	Penetrating wound of Thorax; Heart, Lungs, and fractured Ribs.	A. Ass't Surg G. K. Smith, U. S. A., General Hosp., Georgetown, D. C.
513 *	Gunshot fracture of Knee joint.	Surg. Jno. H. Brinton, U. S. V.
514 *	Gunshot wound of Dura Mater and Cerebrum from shell.	Ass't Surg. J. W. Williams, U. S. A., Douglas Hospital, Washington, D. C.
515	Gunshot wound of Lung.	Surg. H. Bryant, U. S. V., Clifburne Hosp., Washington, D. C.
516	Forearm; with Aneurism of Radial Artery.	Surg. E. Bentley, U. S. V., Alexandria, Va.
517 *	Gunshot fracture of head of Humerus.	Ass't Surg. Ch. H. Alden, U. S. A.
518	Gunshot fracture of upper half of Tibia.	Surg. De Benneville, 11th P. R. V. C.
519	Gunshot fracture of condyles of Femur.	Do. do. do.
520	Gunshot fracture (comminuted) of condyles of Femur and Patella.	Do. do. do.
521	Gunshot fracture; excision of head of Ulna and one inch of shaft.	Do. do. do.
522	Gunshot fracture of Astragalus.	Do. do. do.
523 *	Gunshot fracture, with longitudinal splintering of Femur.	Ass't Surg. W. Moss, U. S. V.
524 *	Gunshot fracture of shaft of Tibia and Fibula.	Do. do. do.
525 *	Gunshot fracture Ankle joint.	Do. do. do.
526 *	Gunshot fracture lower fifth of Humerus.	Do. do. do.
527 *	Gunshot fracture (comminuted) of Fibula; (partial) of lower extremity of Tibia.	Do. do. do.

NO. OF SPEC'N.	DESCRIPTION.	NAME OF CONTRIBUTOR.
528 *	Gunshot fracture of left Parietal bone; nine pieces removed by trephine.	Surg. J. C. Dorr, U. S. V., Ascension Hosp., Washington, D. C.
529	Gunshot fracture (depressed) of left Parietal bone.	Do. do. do.
530 *	United fracture of lower fourth of female Humerus, from battle-field at Oahu.	Ass't Surg. W. R. De Witt, jr., U. S. V., College Hosp., Georgetown, D. C.
531 *	United fracture of upper third of Radius. (These two specimens are supposed to be two hundred years old.)	Do. do. do.
532	Gunshot fracture of Ulna.	Ass't Surg. G. M. McGill, U. S. A.
533	Gunshot fracture of Ulna.	
534 *	Gunshot fracture of Parietal bone, trephined.	Surg. John A. Lidell, U. S. V., Stanton Hosp., Washington, D. C.
535	Gunshot in Popliteal Space; rupture of Popliteal Artery; Femur grazed.	Surg. Prince, Hospital 9th Army Corps, Falmouth, Va.
536	Gunshot fracture of condyles of Femur; amputation through Patella and above condyles; subsequent reamputation.	Ass't Surg. J. W. S. Gouley, U. S. A., Hosp. 9th Army Corps, Falmouth, Va.
537 *	Gunshot fracture of Foot from shell; amputated by	Brig. Gen'l Wm. A. Hammond, Surg. Gen'l U. S. A., Fredericksburg, Va.
538	Gunshot fracture upper half of shaft of Humerus; excision.	Surg. McDonald, 79th N. Y. Vols., Medical Inspector 9th Army Corps, Falmouth, Va.
539 *	Gunshot fracture of Radius, upper sixth; amputation above Elbow.	Brig. Gen'l Wm. A. Hammond, Surg. Gen'l U. S. A., Falmouth, Va.
540	Gunshot fracture of Ankle; Pirogoff's Operation.	Surg. Prince, Hospital 9th Army Corps.
541	Gunshot fracture of Femur.	Do. do. do.
542	Gunshot fracture lower fourth of shaft of Humerus.	Do. do. do.
543	Gunshot fracture of Ulna and Carpus.	A. Ass't Surg. S. L. Loomis, U. S. A., Patent Office Hosp., Washington, D. C.
544 *	Gunshot fracture; longitudinally splintered shaft of Humerus.	Surg. Jas. D. Robison, U. S. V., Pat. Office Hosp., Washington, D. C.
545	Gunshot fracture of great Trochanter and neck of Femur.	Surg. C. L. Allen, U. S. V., Washington, D. C.
546	Gunshot fracture of Os-Frontis.	Surgeon C. A. Cowgill, Newbern, N. C.
547	Gunshot fracture of lower third of Tibia and Fibula.	Surg. Tompkins, 61st N. Y. Vols., Fredericksburg, Va.
548	Gunshot fracture of lower half shaft of Femur, with conoidal ball flattened and split.	Do. do. do.
549	Gunshot fracture upper half of Tibia and Fibula.	Do. do. do.

No. OF SPEC'N.	DESCRIPTION.	NAME OF CONTRIBUTOR.
550	Gunshot fracture lower half of Femur.	Surg. Tompkins, 61st N.Y. Vols., Fredericksb'g, Va.
551	Gunshot fracture lower third of Tibia and Fibula.	Ass't Surgeon W. Moss, U. S. V.
552 *	Gunshot fracture (oblique) of lower half of Femur.	Do. do. do.
553 *	Gunshot fracture shaft of Tibia and Fibula.	Ass't Surg. Warren Webster, U. S. A., Douglas Hosp., Washington, D.C.
554 *	Gunshot fracture (comminuted) of Femur above condyles.	Do. do. do.
555	Gunshot fracture, portion of shaft of Tibia thirty-five days after injury.	Surgeon Joseph R. Smith, U. S. A.
556	Gunshot fracture of shaft of Tibia and Fibula.	Ass't Surgeon Ch. Lee, U. S. A.
557 *	Right superior Maxillary bone, separated spontaneously; gangrene of Face following salivation.	A. Ass't Surg. J. H. Bartholf, U. S. A., Gen. Hosp., Frederick, Md.
558 *	Gunshot fracture at upper and middle third of Fibula; slight bridge of union, (extensive sinuses in leg.)	A. Ass't Surgeon W. W. Keen, jr., U. S. A., Gen. Hosp. No. 1, Frederick, Md.
559	Gunshot fracture of Wrist; amputation of Forearm.	Ass't Surg. McGill, U. S. A., Lincoln Hosp., Washington, D. C.
560	Gunshot fracture of Knee joint.	Do. do. do.
561	Gunshot fracture of Knee joint.	Surg. H. Bryant, U. S. V., Lincoln Gen'l Hospital, Washington, D. C.
562	Gunshot fracture of Ankle joint; amputation.	A. Ass't Surg. F. W. Dear- ing, U. S. A., Lincoln Hosp., Washington, D.C.
563	Gunshot fracture of Knee joint.	A. Ass't Surg. Welles, U. S. A., Georgetown Semi- nary Hosp., D. C.
564	Gunshot fracture of Ankle joint.	Surg. H. Bryant, U. S. V., Lincoln General Hosp., Washington, D. C.
565 *	Gunshot fracture; conoidal ball entered above lesser Trochanter, split off greater Trochanter, and lodged between fragment and head of Femur; fragment united.	Ass't Surg. Wm. Notson, U. S. A., Columbia Col. Hosp., Washington, D. C.
566	Gunshot fracture, comminuted, of lower fourth Tibia, and oblique of Fibula.	Ass't Surg. McGill, U. S. A., Lincoln Hosp., Wash- ington, D. C.
567	Gunshot fracture of Tibia and Fibula.	Surg. H. Bryant, U. S. V., Lincoln General Hosp., Washington, D. C.
568	Gunshot fracture of condyles of Femur.	Do. do. do.
569	Gunshot fracture of head of Tibia.	Ass't Surg. Weisel, U. S. V., Lincoln Gen'l Hosp., Washington, D. C.
570	Gunshot fracture of Knee joint.	Surg. H. Bryant, U. S. V., Lincoln General Hosp., Washington, D. C.
571	Gunshot fracture of lower third of Fibula.	Do. do. do.

NO. OF SPEC'N.	DESCRIPTION.	NAME OF CONTRIBUTOR.
572	Gunshot fracture of neck and head of Radius, with conoidal ball.	Surg. H. Bryant, U. S. V., Lincoln General Hosp., Washington, D. C.
573	Gunshot fracture of Tarsus.	Do. do. do.
574	Gunshot fracture; amputated lower third of bones of Leg.	Ass't Surg. McGill, U. S. A., Lincoln Hospital, Washington, D. C.
575	Gunshot fracture (comminuted) of Calcaneus.	Do. do. do.
576	Gunshot fracture; round ball lodged in external condyle of Femur.	A. Ass't Surg. Welles, U. S. A., Seminary Hosp., Georgetown, D. C.
577	Gunshot fracture of head of Tibia.	Ass't Surg. McGill, U. S. A., Lincoln Gen'l Hosp., Washington, D. C.
578	Gunshot fracture of lower half of Humerus.	Surg. D. W. Bliss, U. S. V., Armory Square Hospital, Washington, D. C.
579	Gunshot fracture of Tarsal bones.	Surg. H. Bryant, U. S. V., Lincoln Hospital, Washington, D. C.
580	Gunshot fracture head of Radius.	Do. do. do.
581	Gunshot fracture of Tibia.	Do. do. do.
582	Gunshot fracture head of Humerus; excision of.	Do. do. do.
583	Gunshot fracture of internal and external Malleoli and portion of shaft of Fibula.	Surg. H. Bryant, U. S. V., Lincoln Hospital, Washington, D. C.
584	Gunshot fracture of Os-Calcis.	Ass't Surg. Weisel, U. S. V., Lincoln Hosp., Washington, D. C.
585	Gunshot fracture of shaft of Tibia, amputated.	Surg. H. Bryant, U. S. V., Lincoln Hospital, Washington, D. C.
586	Gunshot fracture of shaft of Tibia, amputated.	Ass't Surg. Weisel, U. S. V. Lincoln Hosp., Washington, D. C.
587	Gunshot fracture of Os-Calcis.	Ass't Surg. McGill, U. S. A., Lincoln Hosp., Washington, D. C.
588	Gunshot fracture of Metatarsus.	Do. do. do.
589	Gunshot fracture of Tibia.	Surg. H. Bryant, U. S. V., Lincoln General Hosp., Washington, D. C.
590	Gunshot fracture of Tibia above Malleolus.	Ass't Surg. McGill, U. S. A., Lincoln Hosp., Washington, D. C.
591	Gunshot fracture of Fibula above Malleolus, with ball.	A. Ass't Surg. F. W. Dear- ing, U. S. A., Lincoln Hosp., Washington, D. C.
592 *	Gunshot fracture of neck and upper fourth of Femur; excision.	Surg. H. Bryant, U. S. V., Lincoln Hospital, Washington, D. C.
593	Gunshot fracture of Astragalus and Ankle joint.	Surg. D. W. Bliss, U. S. V., Armory Square Hospital Washington, D. C.

Baltimore. Md.

No. OF SPEC'N.	DESCRIPTION.	NAME OF CONTRIBUTOR.
594	Gunshot fracture (comminuted) of lower end of Humerus, and Olecranon.	Surg. D. W. Bliss, U. S. V., Armory Square Hospital, Washington, D. C.
595 *	Gunshot fracture of condyles of Femur.	Surg. E. Bentley, U. S. V., General Hospital, Alexandria, Va.
596 *	Gunshot fracture of Ankle joint.	Do. do. do.
597 *	Gunshot fracture of Ankle joint and Tarsus.	Do. do. do.
598 *	Gunshot fracture; ball lodged at junction of head and neck of Femur.	Do. do. do.
599 *	Gunshot fracture of lower third of Tibia, by fragment of shell.	Do. do. do.
600	Gunshot fracture Knee joint; removed after excision.	A. Ass't Surg. Bannister, U. S. A., Fairfax Seminary Hospital, Va.
601 *	Gunshot fracture of internal Malleolus.	Surg. Edwin Bentley, U. S. V., General Hosp., Alexandria, Va.
602 *	Gunshot fracture of Astragalus and Cuboid bones.	Do. do. do.
603 *	Gunshot, penetrating wound of Lung.	A. A. Surg. T. P. Sprague, U. S. A., Judiciary Sq're Hosp., Washington, D.C.
604 *	Gunshot fracture of third and fourth Cervical Vertebrae.	Do. do. do.
605 *	Gunshot fracture of Humerus. (603-45 belong to same case.)	Do. do. do.
606 *	Gunshot wound of Lung.	Do. do. do.
607	Gunshot fracture Knee joint; removed after excision of Patella.	Surg. D. P. Smith, U. S. V., Fairfax Seminary Hosp., Va.
608	Gunshot fracture; amputated Arm subsequent to excision of Elbow joint.	Do. do. do.
609 *	Gunshot fracture of Patella and external Condyle.	Surg. Edwin Bentley, U. S. V., General Hosp., Alexandria, Va.
610	Cauliflower-shaped exostosis from above inner condyle of Femur.	Surg. D. P. Smith, U. S. V., Fairfax Seminary Hosp., Va.
611	Gunshot fracture of Lumbar Vertebrae, with conoidal ball.	A. Ass't Surg. Skillern, U. S. A., Summit House Hosp., Philadelphia.
612	Gunshot fracture below head of Humerus; absorption of head of Humerus.	A. Ass't Surg. H. Hart, U. S. A., South St. Hosp., Philadelphia.
613 *	Gunshot glancing on right Parietal protuberance without fracture; case of Tetanus.	Ass't Surg. Dewitt C. Peters, U. S. A., General Hosp., Washington, D.C.
614 *	Dura Mater. Same case as 613.	Do. do. do.
615 *	Gunshot fracture of Elbow joint.	Surg. E. Bentley, U. S. V., General Hosp., Alexandria, Va.
616	Gunshot fracture of Rib.	A. Ass't Surg. H. Hart, U. S. A., South St. Hospital, Philadelphia.
617	Gunshot fracture of Rib, with fragment of Tompion.	Do. do. do.

No. of Spec'n.	Description.	Name of Contributor.
618	Gunshot fracture of Femur.	A. Ass't Surg. Harlow, U. S. A., General Hospital, Philadelphia.
619	Gunshot fracture; excision of one inch of shaft of Radius.	Ass't Surg. Ch. Lee, U. S. A., Falmouth, Va.
620	Gunshot fracture of Humerus below head, with conoidal ball; excision of.	Ass't Surg. G. M. McGill, U. S. A., Lincoln Hosp., Washington, D. C.
621	Stump of Thigh.	Surg. H. Bryant, U. S. V., Cliffburne Hosp., Washington, D. C.
622 *	Gunshot fracture of left Femur.	Surg. Jno. A. Lidell, U. S. V., Stanton Hosp., Washington, D. C.
623	Gunshot fracture, oblique, of shaft of Humerus.	Dr. Donelly.
624	Gunshot fracture of Tibia.	Ass't Surg. S. A. Storrow, U. S. A., Eckington Hosp., Washington, D. C.
625	Gunshot fracture, depressed, of Os-Frontis, (trephined.)	Surg. D. W. Bliss, U. S. V., Armory Square Hospital, Washington, D. C.
626 *	Gunshot fracture of Tarsus and external Malleolus.	Ass't Surg. W. Moss, U. S. V.
627	Portion of Palatine bone removed by	Dr. W. H. Davis.
628 *	Gunshot fracture, depressed, of left Parietal bone.	Surg. Jno. A. Lidell, U. S. V., Stanton Hosp., Washington, D. C.
629	Gunshot fracture below head of Tibia.	Ass't Surg. McGill, U. S. A., Lincoln Hosp., Washington, D. C.
630 *	Gunshot fracture of Knee joint.	Surg. Jno. A. Lidell, U. S. V., Stanton Hosp., Washington, D. C.
631	Gunshot fracture of right Humerus.	Do. do. do.
632 *	Gunshot fracture of Angle and Ramus of inferior Maxillary bone; condyle carried away.	Surg. O. A. Judson, U. S. V., Carver Hosp., Washington, D. C.
633	Gunshot fracture of Humerus; excision of head of.	Do. do. do.
634 *	Gunshot fracture of middle third of Femur.	Do. do. do.
635	Gunshot fracture of Wrist joint.	Do. do. do.
636 *	Gunshot fracture, perforating spine of Scapula, and grazing Clavicle; ball found resting on bifurcation of Trochea.	Do. do. do.
637	Gunshot fracture of lower third of Femur, involving joint.	Do. do. do.
638	Gunshot fracture of Knee joint.	Do. do. do.
639 *	Gunshot fracture; excision of external condyle of Humerus, and head of Radius.	Do. do. do.
640 *	Gunshot fracture of Coracoid process and neck of Scapula, of outer third of Clavicle, and Transverse processes of third, fourth, and fifth Cervical Vertebrae; conoidal ball lodged behind Symphysis of inferior Maxillary bone.	Do. do. do.

No. OF SPEC'N.	DESCRIPTION.	NAME OF CONTRIBUTOR.
641	Gunshot fracture of Parietal bone; fragment from.	A. Ass't Surg. E. Harts- horne, U. S. A., General Hosp., Philadelphia.
642	Gunshot fracture; excision of head of Humerus.	Do. do. do.
643 *	Gunshot fracture; exfoliating fragment of bone excised from overlapping end of fractured Femur.	Surg. Meredith Clymer, U. S. V.
644	Gunshot fracture; fragment of Pubis driven into Bladder, extracted from Urethra.	A. Ass't Surg. T. G. Mor- ton, U. S. A., Gen'l Hosp., Philadelphia.
645	Gunshot fracture of Radius.	Ass't Surg. S. A. Storrow, U. S. A., Eckington Hosp., Washington, D.C.
646	Gunshot fracture of Skull over Sagittal and near Coronal Suture, with depression of inner Table.	Surg. I. Moses, U. S. V., Finley Hospital, Wash- ington, D. C.
647	Gunshot fracture upper half shaft of Humerus.	Surg. De Benneville, 11th P.R.V.C., Falmouth, Va.
648 *	Gunshot fracture, pistol-ball wound of Larynx; Epiglottis split.	A. Ass't Surg. J. A. Jack, U. S. A., Gen'l Hospital, Philadelphia, Pa.
649 *	Gunshot fracture of Ankle joint.	Surg. Jas. Robison, U. S. V., Patent Office Hosp., Washington, D. C.
650 *	Gunshot fracture of Ankle joint.	Do. do. do.
651	Gunshot fracture of Arm.	A. Ass't Surg. B. Ottman, U. S. A., Union Hotel Hosp., Alexandria, Va.
652	Gunshot fracture of upper third of Tibia.	Surgeon Antisell, U. S. V., Harewood Hosp., Wash- ington, D. C.
653	Gunshot fracture of internal condyle of Femur.	Do. do. do.
654 *	Gunshot wounds of Entrance and Exit; skin of Forearm.	Hospital Steward Schaf- hiz, Army Medical Mu- seum.
655	Portion of Femur from extremity of Stump after amputation.	Surg. D. W. Bliss, U. S. V., Armory Square Hospital, Washington, D. C.
656	Gunshot fracture of Os-Calcis.	Do. do. do.
657	Gunshot fracture upper third of Femur.	Do. do. do.
658	Gunshot fracture of head of Humerus, from shell.	Do. do. do.
659	Gunshot fracture of upper third of Femur.	A. Ass't Surgeon Wm. H. Ensign, U. S. A.
660	Crown-shaped exfoliation from extremity of stump of Femur.	Surg. J. C. Dorr, U. S. V., Ascension Gen. Hospital, Washington, D. C.
661	Gunshot fracture of Femur above condyles.	Surgeon J. E. Summers, U. S. A., Wolf St. Gen'l Hosp., Alexandria, Va.
662	Depressed fracture of inner Table of Skull; glancing shot.	Ass't Surg. Brewer, U. S. A., Gen'l Hosp., Annapolis, Md.

NO. OF SPEC'N.	DESCRIPTION.	NAME OF CONTRIBUTOR.
663	Patella perforated by buck shot.	A. Ass't Surg. M. Stovell, U. S. A., Gen'l Hospital, Annapolis, Md.
664	Gunshot fracture of lower third of Femur.	Surgeon Antisell, U. S. V., Harewood Hosp., Wash- ington, D. C.
665	Gunshot fracture below internal Tuberosity of head of Tibia, extending into joint and down the shaft.	Do. do. do.
666	Gunshot fracture (oblique) of right Tibia.	Do. do. do.
667	Gunshot fracture of lower extremity of Radius and Ulna; deposit of Callus.	Do. do. do.
668	Gunshot fracture; long-exfoliation from necrosed Fibula.	A. Ass't Surg. Jno. Neill, U. S. A., Philadelphia, Pa.
669	Gunshot fracture of Femur; long Seques- trum from.	Do. do. do.
670	Gunshot fracture; fragment removed from Patella.	Do. do. do.
671	Gunshot fracture of left Femur; conoidal ball imbedded above condyles.	Surgeon J. M. Homiston, U. S. V.
672	Gunshot fracture; excision of portion of shaft of Radius.	Surgeon W. H. Leonard, 51st N. Y. Volunteers, Falmouth, Va.
673	Gunshot fracture of shaft of Femur.	Do. do. do.
674	Gunshot fracture (comminuted) of Tibia.	Do. do. do.
675	Gunshot fracture and excision of 2½ inches of shaft of Tibia.	A. Ass't Surg. McGuigan, U. S. A., Falmouth, Va.
676	Gunshot fracture of Patella.	Ass't Surg. McGill, U. S. A., Falmouth, Va.
677	Gunshot fracture of Foot from shell.	Surgeon Antisell, U. S. V., Harewood Hosp., Wash- ington, D. C.
678	Gunshot fracture of external condyle of Humerus.	Surg. H. Bryant, U. S. V., Lincoln Hospital, Wash- ington, D. C.
679	Gunshot fracture of 4th, 5th, 6th, 7th, 8th, 9th, 10th Ribs, and transverse processes of corresponding Vertebrae.	Surgeon P. B. Goddard, U. S. V., Master Street Hosp., Philadelphia, Pa.
680	Gunshot fracture of Trochanters and neck of Femur.	Surgeon I. Moses, U. S. V., Finley Hospital, Wash- ington, D. C.
681	Gunshot fracture of Femur, with deposit of Callus.	Do. do. do.
682	Gunshot fracture of Humerus.	Dr. S. Perry, Fredericks- burg, Va.
683	Stump after amputation through head of Tibia.	Surg. H. Bryant, U. S. V., Cliffburne Hosp., Wash- ington, D. C.
684	Gunshot fracture; Humerus removed after excision.	Do. do. do.
685 *	Gunshot fracture of Temporal and Sphenoid bones, with round ball.	A. Ass't Surgeon Jamar, U. S. A., Patent Office Hosp., Washington, D. C.
686 *	Gunshot fracture of Ankle joint and Cal- caneus.	Ass't Surgeon W. Moss, U. S. V.

No. OF SPEC'N.	DESCRIPTION.	NAME OF CONTRIBUTOR.
687	Gunshot fracture of Ankle.	Ass't Surg. J. E. Semple, U. S. A., Hilton Head, S. C.
688	Gunshot fracture of Humerus.	Do. do. do.
689	Gunshot fracture of Humerus.	Do. do. do.
690	Gunshot fracture of shaft of Humerus at junction of middle and lower third.	Do. do. do.
691	Gunshot fracture of second Metatarsal bone.	Do. do. do.
692	Gunshot fracture of Tibia; Fibula bent and partially fractured.	Do. do. do.
693	Gunshot fracture of Femur.	Surg. W. H. Leonard, 51st N. Y. Vols.
694	Gunshot fracture of Os Innominatum; ab- sorption of head of Femur and Acetabu- lum.	Surgeon P. B. Goddard, U. S. V., Master Street Hosp., Philadelphia, Pa.
695 *	Gunshot fracture of Clavicle, Scapula, and Humerus.	Medical Cadet Wilder, U. S. A., Judiciary Square Hosp., Washington, D.C.
696 *	Portion of Lung from same case.	Do. do. do.
697 *	Larynx, showing wound of Thyroid Car- tilage, from same case.	Do. do. do.
698 *	Gunshot fracture of Elbow joint.	Surgeon Van der Kieft, Smoketown Gen'l Hosp., Md.
699	Gunshot fracture of dorsum, spine, acro- mion, and coracoid process of left Scapu- la, and posterior margin of right Scapula.	Surgeon P. B. Goddard, U. S. V., Master Street Hosp., Philadelphia, Pa.
700	Gunshot fracture of Knee joint.	Ass't Surg. Ch. A. McCall, U. S. A., Mount Pleasant Hosp., Washington, D.C.
701 *	Gunshot fracture of Knee joint.	A. Ass't Surgeon Wells, U. S. A., Seminary Hosp., Georgetown, D. C.
702 *	Gunshot fracture of Femur.	Surgeon Van der Kieft, Smoketown Gen'l Hosp., Md.
703	Exfoliated bone from extremity of stump subsequent to amputation.	Dr. Beale.
704	Exfoliated bone from extremity of stump subsequent to amputation.	Ass't Surgeon J. W. S. Gouley, U. S. A.
705 *	Exfoliated bone from extremity of stump subsequent to amputation.	Surgeon Van der Kieft, Smoketown Gen. Hosp., Md.
706 *	Exfoliation, four inches in length, from extremity of stump subsequent to ampu- tation of Femur.	Surg. J. E. Summers, U. S. A., Wolf Street Hosp., Alexandria, Va.
707	Gunshot wound of Knee; ball lying be- tween the condyles posteriorly.	A. Ass't Surgeon Ottman, U. S. A., Union Hotel Hosp., Washington, D.C.
708	Gunshot fracture of Tibia and Fibula.	Medical Cadet Kingston, U. S. A., Douglas Hosp., Washington, D. C.
709	Gunshot fracture of left Knee from shell.	Do. do. do.
710 *	Gunshot fracture of Femur.	Do. do. do.
711 *	Gunshot fracture of shaft of Radius and Ulna.	Surg. P. Pineo, U. S. V., Douglas Hospital, Wash- ington, D. C.

No. OF SPEC'N.	DESCRIPTION.	NAME OF CONTRIBUTOR.
712 *	Fractured Parietal bone from blow with spade.	Surg. Van der Kieft, Gen'l Hosp., Smoketown, Md.
713 *	One inch of shaft of Femur from stump subsequent to amputation.	Do. do. do.
714 *	Exfoliated bone, crown-shaped, from extremity of stump subsequent to amputation.	Do. do. do.
715 *	Spicula exfoliated from Femur.	Do. do. do.
716	Gunshot fracture (comminuted) of Patella.	A. Ass't Surg. P. Glennan, U. S. A., Stone Hospital, Washington, D. C.
717	Stump of Humerus.	Surg. H. Bryant, U. S. V., Lincoln Hospital, Washington, D. C.
718	Stump of Arm, flesh preparation. Same case as 717.	Do. do. do.
719	Gunshot fracture of head of Tibia.	Ass't Surg. Alex. Ingram, U. S. A., St. Aloysius Hosp., Washington, D.C.
720 *	Gunshot fracture of spine, dorsum, and coracoid process of Scapula and distal end of Clavicle; erosion of cartilage of joint.	Do. do. do.
721 *	Gunshot fracture of lower extremity of Tibia and Fibula.	Surg. Van der Kieft, Gen. Hosp., Smoketown, Md.
722 *	Gunshot fracture of Femur with large deposit of Callus.	Do. do. do.
723 *	Gunshot fracture of upper half of Humerus on which excision has been performed.	Do. do. do.
724 *	Gunshot fracture of upper third of Femur.	Do. do. do.
725	Exfoliated Spicula from stump subsequent to amputation.	Ass't Surg. J.W.S.Gouley, U. S. A.
726 *	Gunshot fracture of Knee joint.	Surg. F. H. Squire, Locust Spring Hospital, Md.
727 *	Gunshot fracture of Femur.	Do. do. do.
728 *	Gunshot fracture of Femur.	Do. do. do.
729 *	Gunshot fracture of Femur.	Do. do. do.
730	Gunshot fracture of condyles of Humerus.	Ass't Surg. J. E. Semple, U. S. A., Port Royal, S. C.
731	Gunshot fracture of Tibia and Fibula.	Do. do. do.
732	Gunshot fracture of Tibia.	Do. do. do.
733	Gunshot fracture of Ankle joint.	Do. do. do.
734 *	Gunshot fracture of Elbow joint; excision.	Surgeon Moses, U. S. V., Finley Hospital, Washington, D. C.
735 *	Dislocated Patella.	Surg. Squire, Locust Spring Hospital, Md.
736	Gunshot fracture of Ankle joint.	Surgeon P. B. Goddard, U. S. V., Master St. Hosp., Philadelphia, Pa.
737	Gunshot fracture of Femur.	Medical Cadet Kingston, Douglas Hospital, Washington, D. C.
738 *	Skull from the battle-field of Bull Run.	Surgeon Jerome B. Green, 12th Army Corps.

No. of Spec'n.	Description.	Name of Contributor.
739 *	Skull from second Bull Run battle-field; fracture of Ramus of inferior Maxilla.	Surgeon Jerome B. Green, 12th Army Corps.
740 *	Gunshot grazed wound of upper third of Femur.	Surg. H. S. Hewit, U. S. V., General Hospital No. 5, Frederick, Md.
741 *	Gunshot fracture of Tarsus.	Ass't Surg. A. H. Smith, U. S. A., Gen'l Hospital, Frederick, Md.
742 *	Gunshot fracture of third Lumbar Vertebra.	Ass't Surg. James Phillips, U. S. A., Gen'l Hospital, Frederick, Md.
743 *	Gunshot fracture of Os Innominatum and head of Femur.	Dr. Redfern Davies, Gen'l Hospital, Frederick, Md.
744 *	Gunshot fracture of Tibia and Ankle joint.	A. Ass't Surg. J. H. Pea- body, U. S. A., General Hospital, Frederick, Md.
745 *	Gunshot fracture of Scapula.	Do. do. do.
746 *	Portion of shaft of Femur from extremity of stump subsequent to amputation.	Ass't Surg. P. Adolphus, U. S. A., Gen'l Hospital, Frederick, Md.
747 *	Gunshot fracture of lower half of shaft of Femur.	A. Ass't Surg. W. W. Keen, jr., U. S. A., Gen'l Hosp. No. 1, Frederick, Md.
748 *	Gunshot fracture of Fibula.	Surg. H. S. Hewit, U. S. V., General Hospital No. 5, Frederick, Md.
749 *	Gunshot fracture; excised portion of Radius and Ulna at Elbow joint.	A. Ass't Surgeon J. H. Bartholf, U. S. A., Gen'l Hosp., Frederick, Md.
750 *	Gunshot fracture of Humerus.	A. Ass't Surg. W. W. Keen, jr., U. S. A., Gen'l Hosp. No. 1, Frederick, Md.
751 *	Gunshot fracture of Tibia and Fibula.	Surg. H. S. Hewit, U. S. V., General Hospital No. 5, Frederick, Md.
752 *	Gunshot fracture of Wrist.	Ass't Surgeon J. H. Bill, U. S. A., Gen'l Hospital, Frederick, Md.
753 *	Gunshot fracture of Patella; destruction of joint.	Dr. Redfern Davies, Gen'l Hosp., Frederick, Md.
754 *	Gunshot fracture of Knee joint.	Surg. H. S. Hewit, U. S. V., General Hospital No. 5, Frederick, Md.
755 *	Gunshot fracture of lower half of shaft of Femur.	Do. do. do.
756 *	Gunshot fracture of Patella.	Ass't Surgeon R. F. Weir, U. S. A., Gen'l Hospital No. 1, Frederick, Md.
757 *	Gunshot fracture of third Lumbar Vertebra.	Ass't Surg. G. L. Porter, U. S. A., Gen'l Hospital, Frederick, Md.
758 *	Gunshot fracture of head of Femur and Acetabulum.	Ass't Surgeon J. H. Bill, U. S. A., Gen'l Hospital, Frederick, Md.
759 *	Gunshot fracture; perforation by ball of lower extremity of Femur.	Do. do. do.

No. OF SPEC'N.	DESCRIPTION.	NAME OF CONTRIBUTOR.
760 *	Gunshot fracture of head of Tibia.	A. Ass't Surg. W. W. Keen, jr., U. S. A., Gen'l Hosp. No. 1, Frederick, Md.
761 *	Gunshot fracture of head of Tibia.	Do. do. do.
762 *	Gunshot fracture of internal Malleolus and Astragalus.	Surg. H. S. Hewit, U. S. V., General Hospital No. 5, Frederick, Md.
763 *	Gunshot fracture of Humerus.	Do. do. do.
764 *	Gunshot fracture of head of Tibia and Fibula.	A. Ass't Surg. W. W. Keen, jr., U. S. A., Gen'l Hosp. No. 1, Frederick, Md.
765 *	Gunshot fracture of left Parietal bone.	Do. do. do.
766 *	Gunshot fracture of Ankle joint.	Do. do. do.
767 *	Gunshot fracture of lower third of Tibia.	Do. do. do.
768 *	Gunshot fracture of Femur above con- dyles.	Surg. H. S. Hewit, U. S. V., General Hospital No. 5, Frederick, Md.
769 *	Gunshot fracture of upper third of Femur.	A. Ass't Surg. W. W. Keen, jr., U. S. A., Gen'l Hosp. No. 1, Frederick, Md.
770 *	Gunshot fracture of Malleoli.	Ass't Surgeon Searle, 26th N. Y. Vols.
771 *	Gunshot fracture of Knee; Femur split between condyles.	Act'g Ass't Surgeon J. H. Bartholf, U. S. A., Gen'l Hospital, Frederick, Md.
772 *	Gunshot fracture of Ulna; amputation sub- sequent to excision.	Ass't Surg. Weir, U. S. A., General Hospital No. 1, Frederick, Md.
773 *	Gunshot fracture of Elbow joint.	Do. do. do.
774 *	Gunshot fracture (depressed) of left Frontal protuberance with ball.	Do. do. do.
775 *	Gunshot fracture of Radius and Ulna at Elbow.	Surgeon Henry James, 3d Vermont Vols.
776 *	Gunshot fracture of shaft of Femur.	A. Ass't Surg. W. W. Keen, jr., U. S. A., Gen'l Hosp. No. 1, Frederick, Md.
777 *	Gunshot fracture of head of Tibia, and Knee joint. (See No. 833.)	Dr. Redfern Davies, Gen'l Hospital, Frederick, Md.
778 *	Gunshot fracture of first and second Cer- vical Vertebrae, and portion of Occiput.	Do. do. do.
779 *	Gunshot fracture of lower third of Femur.	A. Ass't Surgeon North, U. S. A., Gen'l Hospital, Frederick, Md.
780 *	Gunshot fracture of head of Ulna.	A. Ass't Surg. W. W. Keen, jr., U. S. A., Gen'l Hosp. No. 1, Frederick, Md.
781 *	Fracture of Tarsus and Metatarsus; rail- road accident.	Ass't Surg. G. L. Porter, U. S. A., Gen'l Hospital, Frederick, Md.
782 *	Gunshot fracture of neck of Femur.	A. Ass't Surgeon North, U. S. A., Gen'l Hospital, Frederick, Md.
783 *	Gunshot fracture of shaft of Tibia.	A. Ass't Surg. W. W. Keen, jr., U. S. A., Gen'l Hosp. No. 1, Frederick, Md.
784 *	Gunshot fracture of middle third of Femur.	Do. do. do.

No. of Spec'n.	Description.	Name of Contributor.
785 *	Gunshot fracture; excised portions of Tarsus, with ball.	Ass't Surg. A. H. Smith, U. S. A., Gen'l Hospital No. 1, Frederick, Md.
786 *	Gunshot fracture of Elbow joint.	Surgeon H. James, 3d Vermont Vols.
787 *	Gunshot fracture; excised head of Humerus. (See No. 804.)	A. Ass't Surg. J. H. Bartholf, U. S. A., Gen'l Hosp., Frederick, Md.
788 *	Gunshot fracture of upper portion of Femur.	A. Ass't Surg. W. W. Keen, jr., U. S. A., Gen'l Hosp. No. 1, Frederick, Md.
789 *	Gunshot fracture of upper fourth of Tibia.	Ass't Surgeon R. F. Weir, U. S. A., Gen'l Hospital No. 1, Frederick, Md.
790 *	Gunshot fracture of Knee joint.	A. Ass't Surg. W. W. Keen, jr., U. S. A., Gen'l Hosp. No. 1, Frederick, Md.
791 *	Gunshot fracture of Cuboid, Astragalus, and Os-Calcis.	Do. do. do.
792 *	Gunshot fracture of shaft of Femur.	Ass't Surgeon Du Bois, U. S. A., General Hospital, Frederick, Md.
793 *	Gunshot fracture of Patella and condyles of Femur.	A. Ass't Surg. W. W. Keen, jr., U. S. A., Gen'l Hosp. No. 1, Frederick, Md.
794 *	Gunshot fracture of Clavicle with ball. (See No. 827.)	Do. do. do.
795 *	Portion of Tibia and Fibula from stump subsequent to amputation.	Surg. H. S. Hewitt, U. S. V., General Hospital No. 5, Frederick, Md.
796 *	Gunshot fracture of Knee joint.	Do. do. do.
797 *	Gunshot fracture of Ankle joint.	A. Ass't Surg. J. McArthur, U. S. A., Gen'l Hospital, Frederick, Md.
798 *	Gunshot fracture of Trochanters, and Tuber Ischii, with perforated Bladder.	Dr. Redfern Davies, Gen'l Hosp., Frederick, Md.
799 *	Gunshot fracture of shaft of Femur. (See No. 824.)	A. Ass't Surg. W. W. Keen, jr., U. S. A., Gen'l Hosp. No. 1, Frederick, Md.
800 *	Gunshot fracture of Patella.	Ass't Surg. C. P. Russell, U. S. A., Gen'l Hospital, Frederick, Md.
801 *	Gunshot fracture of head of Tibia.	Ass't Surg. G. L. Porter, U. S. A., Gen'l Hospital, Frederick, Md.
802 *	Gunshot fracture of shaft of Humerus.	A. Ass't Surg. W. W. Keen, jr., U. S. A., Gen'l Hosp. No. 1, Frederick, Md.
803 *	Gunshot fracture of Femur, with portions of Sciatic Nerve, Rectum, and Stomach.	A. Ass't Surg. North, U. S. A., General Hospital, Frederick, Md.
804 *	Shoulder after excision of head of Humerus. (See No. 787.)	A. Ass't Surgeon Bartholf, U. S. A., Gen'l Hospital, Frederick, Md.
805 *	Gunshot fracture of Wrist.	Do. do. do.

No. OF SPEC'N.	DESCRIPTION.	NAME OF CONTRIBUTOR.
806 *	Gunshot fracture of transverse process of third Lumbar Vertebra.	A. Ass't Surg. W.W. Keen, jr., U. S. A., Gen'l Hosp. No. 1, Frederick, Md.
807 *	Gunshot fracture of Elbow.	Surg. H. S. Hewit, U. S. V., General Hospital No. 5, Frederick, Md.
808 *	Gunshot fracture of Knee joint.	A. Ass't Surg. W.W. Keen, jr., U. S. A., Gen'l Hosp. No. 1, Frederick, Md.
809 *	Gunshot fracture of Wrist joint.	A. Ass't Surg. North, U. S. A., General Hospital, Frederick, Md.
810 *	Gunshot fracture of Ankle joint.	Ass't Surg. C. P. Russell, U. S. A., Gen'l Hospital, Frederick, Md.
811 *	Gunshot fracture of head of Humerus.	A. Ass't Surg. W. W. Keen, jr., U. S. A., Gen'l Hosp. No. 1, Frederick, Md.
812 *	Gunshot fracture of Tarsal bones.	Dr. Redfern Davies, Gen'l Hospital, Frederick, Md.
813 *	Gunshot fracture of Knee joint.	Ass't Surgeon Searle, 26th New York Vols.
814 *	Gunshot fracture; excised portion of Humerus.	Surgeon Grant, U. S. V.
815 *	Gunshot fracture of Tibia above Tubercle.	Ass't Surg. P. Adolphus, U. S. A., General Hosp., Frederick, Md.
816 *	Gunshot fracture of head of Tibia.	Dr. Halsey, U. S. General Hosp., Frederick, Md.
817 *	Gunshot fracture of upper fifth of Femur.	A. Ass't Surg. W. W. Keen, jr., U. S. A., Gen'l Hosp. No. 1, Frederick, Md.
818 *	Gunshot fracture of upper third of Humerus.	Do.
819 *	Gunshot fracture of Tuber Ischii.	do.
820 *	Gunshot fracture of condyles of Humerus.	Dr. Redfern Davies, Gen'l Hosp., Frederick, Md.
821 *	Gunshot fracture of condyles of Humerus.	A. Ass't Surg. W. S. Adams, U. S. A., Gen'l Hospital, Frederick, Md.
822 *	Gunshot fracture; fragments excised from Humerus.	Dr. Sweet, General Hosp., Frederick, Md.
823 *	Gunshot fracture of shaft of Femur.	Dr. Halsey, Gen'l Hosp., Frederick, Md.
824 *	Gunshot fracture; excision of shaft of Ulna.	A. Ass't Surg. W. W. Keen, jr., U. S. A., Gen'l Hosp. No. 1, Frederick, Md.
825 *	Fragments of bone from fractured Femur. (See No. 799.)	Do.
826 *	Gunshot fracture of inner condyle of Femur and head of Tibia.	do.
827 *	Gunshot fracture of inner condyle of Femur and head of Tibia.	do.
828 *	Gunshot fracture of ribs; case of penetrating wound of Lung.	Ass't Surgeon Bartholf, U. S. A., General Hospital, Frederick, Md.
829 *	Gunshot fracture of dorsum and spine of Scapula; necrosis of head of Humerus. (See No. 794.)	A. Ass't Surgeon Alfred North, U. S. A., General Hosp., Frederick, Md.
830 *	Gunshot fracture of dorsum and spine of Scapula; necrosis of head of Humerus. (See No. 794.)	A. Ass't Surg. W. W. Keen, jr., U. S. A., Gen'l Hosp. No. 1, Frederick, Md.

NO. OF SPEC'N.	DESCRIPTION.	NAME OF CONTRIBUTOR.
828 *	Gunshot fracture of Humerus; excision of four inches of shaft.	A. A. Surg. Alfred North, U. S. A., U. S. General Hosp., Frederick, Md.
829 *	Gunshot fracture of Tibia at Knee joint.	Ass't Surg. R. F. Weir, U. S. A., Gen'l Hosp. No. 1, Frederick, Md.
830 *	Gunshot fracture of Skull; ball entering at Coronal Suture and emerging near Lambdoidal Suture.	Dr. Jerome B. Green, 12th Army Corps.
831 *	Skull; fracture of Frontal, Temporal, Parietal, and Occipital bones.	Dr. Holmes.
832 *	Gunshot fracture of Scapula at junction of dorsum and spine.	Ass't Surg. J. B. Brinton, U. S. A., General Hosp., Frederick, Md.
833 *	Portion of shaft of Femur, from extremity of stump subsequent to amputation. (See No. 777.)	Dr. Redfern Davies, U. S. Gen'l Hosp., Frederick, Md.
834 *	Portion of bone from shaft of Femur, protruding after amputation.	A. Ass't Surg. W. W. Keen, jr., U. S. A., Gen'l Hosp., Frederick, Md.
835 *	Larynx; case of Laryngitis, Laryngotomy performed.	Ass't Surg. Searle, 26th N. Y. Vols., General Hosp., Frederick, Md.
836 *	Larynx; case of Laryngitis, Laryngotomy performed.	Ass't Surg. G. L. Porter, U. S. A., General Hospital, Frederick, Md.
837 *	Gunshot wound of Heart; ball passing through left Ventricle and right Auricle.	Ass't Surg. R. F. Weir, U. S. A., Gen'l Hosp. No. 1, Frederick, Md.
838 *	Gunshot fracture of Elbow; excised portions of.	Do. do. do.
839 *	Gunshot fracture; excision of head of Humerus.	Ass't Surg. J. H. Bill, U. S. A., General Hosp., Frederick, Md.
840 *	Gunshot fracture of upper third of Humerus.	Do. do. do.
841 *	Gunshot fracture of Scapula.	A. Ass't Surg. W. W. Keen, jr., U. S. A., Gen'l Hosp., Frederick, Md.
842 *	Gunshot fracture; excision of Elbow joint.	Do. do. do.
843	Gunshot fracture of transverse processes of Lumbar Vertebra.	Surg. P. B. Goddard, U. S. V., Master Street Hosp., Philadelphia.
844	Extensive suppuration of Knee joint, caused by small fragment of ball imbedded in Femur at condyles.	Surg. H. Bryant, U. S. V., Lincoln Hospital, Washington, D. C.
845	Gunshot fracture of eleventh and twelfth Ribs.	Do. do. do.
846	Abscess in Pleural Cavity; belongs to No. 845.	Do. do. do.
847	Foot amputated for Gangrene, following frost bite.	Do. do. do.
848 *	Gunshot fracture of base of Skull.	Surg. Jerome B. Green, 12th Army Corps.
849 *	Gunshot fracture of Skull; wound of entrance, in left Parietal, of exit in right Parietal bone.	Do. do. do.

NO. OF SPEC'N.	DESCRIPTION.	NAME OF CONTRIBUTOR.
850 *	Gunshot fracture of fifth Metacarpal bone.	Surg. Jno. E. Summers, U. S. V., Wolf Street Hosp., Alexandria, Va.
851 *	Gunshot fracture of Dorsum Scapulæ; from first Bull Run.	Surg. Jerome B. Green, 12th Army Corps.
852 *	Gunshot wound of entrance, integument of Lumbar region.	A. Ass't Surg. W. W. Keen, jr., U. S. A., Gen'l Hosp. No. 1, Frederick, Md.
853 *	Artery, after amputation.	Surg. H. S. Hewit, U. S. V., General Hosp. No. 5, Frederick, Md.
854 *	Sabre wound of Carotid Artery.	Ass't Surg. J. W. S. Gouley, U. S. A.
855 *	Femoral Artery, after amputation.	Surg. H. S. Hewit, U. S. V., General Hosp. No. 5, Frederick, Md.
856 *	Popliteal Artery, after amputation.	Do. do. do.
857	Double Hernia; Intestinal of left, Omental of right side.	Surg. J. C. Dorr, U. S. V., Ascension Hosp., Washington, D. C.
858 *	Gunshot fracture of head of Humerus; from Bull Run battle-field.	Surg. J. B. Green, 12th Army Corps.
859	Gunshot fracture of Ulna; ligamentous union.	Surg. Moses, U. S. V., Finley Hosp., Washington, D. C.
860 *	Cranium, with fracture of all the bones except the left Parietal; from Bull Run battle-field.	Surg. J. B. Green, 12th Army Corps.
861 *	Gunshot fracture of left Tibia.	A. Ass't Surg. C. J. Morton, U. S. A., General Hosp., Chester, Pa.
862 *	Gunshot fracture of right Elbow joint.	A. Ass't Surg. Lewis Fisher, U. S. A., Gen'l Hosp., Chester, Pa.
863 *	Gunshot fracture of upper third of Femur.	A. Ass't Surg. J. Ashurst, jr., U. S. A., Gen'l Hosp., Chester, Pa.
864 *	Gunshot fracture; excision of Elbow.	Surg. J. B. Lewis, U. S. V., General Hospital, Frederick, Md.
865 *	Gunshot fracture (depressed) of Occipital bone.	Surg. J. L. Leconte, U. S. V., Gen'l Hosp., Chester, Pa.
866 *	Gunshot fracture of Finger; necrosis of Metacarpal bone.	A. Ass't Surg. Lewis Fisher, U. S. A., Gen'l Hosp., Chester, Pa.
867 *	Femoral Artery, eight days after amputation. (See No. 789.)	Ass't Surg. R. F. Weir, U. S. A., Gen'l Hosp. No. 1, Frederick, Md.
868 *	Femoral Artery, seven days after amputation.	A. Ass't Surg. W. W. Keen, jr., U. S. A., General Hosp. No. 1, Frederick, Md.
869 *	Femoral Artery, eight days after amputation. (See No. 813.)	A. Ass't Surg. Searle, U. S. A., Gen'l Hosp., Frederick, Md.

No. of Spec'n.	Description.	Name of Contributor.
870 *	Brachial Artery become a fibrous cord; wounded by Spicula of bone, subsequent to gunshot. (See No. 780.)	A. Ass't Surg. W. W. Keen, jr., U. S. A., General Hosp. No. 1, Frederick, Md.
871 *	Femoral Artery, eleven days after amputation. (See No. 779.)	A. Ass't Surg. North, U. S. A., Gen'l Hosp., Frederick, Md.
872 *	Femoral Artery, twenty-one days after amputation.	Ass't Surg. R. F. Weir, U. S. A., Gen'l Hosp. No. 1, Frederick, Md.
873 *	Femoral Artery, fifteen days after amputation. (See No. 790.)	A. Ass't Surg. W. W. Keen, jr., U. S. A., Gen'l Hosp. No. 1, Frederick, Md.
874 *	Femoral Artery, thirty-three days after amputation. (See No. 834.)	Do. do. do.
875 *	Posterior Tibial Artery; case of Secondary Hemorrhage from ulceration; gunshot wound.	Ass't Surg. R. F. Weir, U. S. A., Gen'l Hosp. No. 1, Frederick, Md.
876 *	Gunshot fracture of Elbow joint.	A. Ass't Surg. Jos. Leidy, U. S. A., Gen'l Hospital, Philadelphia.
877 *	Gunshot fracture of Ribs; commencing union.	Do. do. do.
878 *	Gunshot fracture of Elbow joint; erosion of Cartilage of.	Do. do. do.
879 *	Gunshot fracture of shaft of Ulna; partial union.	Do. do. do.
880 *	Gunshot fracture of Radius and Ulna, lower sixth; deposit of Callus, and Sequestra.	
881 *	Internal, external, and common Carotid Arteries; the two latter injected, the former wounded and impermeable.	Dr. Redfern Davies.
882 *	Fragments removed from lower end of Radius.	Ass't Surg. Breneman, U. S. A., Gen'l Hosp., West Philadelphia.
883 *	Fragments removed from right Parietal bone.	Do. do. do.
884 *	Gunshot fracture; excision of head and neck of Radius, and part of Olecranon.	Do. do. do.
885 *	Gunshot fracture, incomplete; excision of two and a half inches of upper extremity of Radius.	Do. do. do.
886 *	Femoral Artery. (See No. 740.)	Surg. H. S. Hewit, U. S. V., General Hospital No. 5, Frederick, Md.
887 *	Femoral Artery. (See No. 754.)	Do. do. do.
888 *	Popliteal Artery after ligation. (See No. 796.)	Do. do. do.
889 *	Exfoliated portion of Femur protruding after amputation.	Dr. Goldsborough, Gen'l Hosp., Frederick, Md.
890 *	Gunshot fracture of head of Humerus; excision of.	A. Ass't Surg. Keffe, U. S. A., Gen'l Hosp., Philadelphia, Pa.
891 *	Stump of Humerus.	A. Ass't Surg. Goldsborough, U. S. A., General Hosp., Frederick, Md.

No. OF SPEC'N.	DESCRIPTION.	NAME OF CONTRIBUTOR.
892 *	Gunshot wound of entrance, integument of Thigh. (See No. 769.)	A. Ass't Surg. W. W. Keen, jr., U. S. A., Gen'l Hosp. No. 1, Frederick, Md.
893 *	Exfoliated extremity of Femur subsequent to amputation.	Do. do. do.
894 *	Internal Iliac Artery; ligated for Hemorrhage after gunshot.	A. Ass't Surg. W. W. Keen, jr., U. S. A., Gen'l Hosp. No. 1, Frederick, Md.
895	Gunshot fracture of Fibula and Tarsus.	Surg. H. Bryant, U. S. V., Lincoln Hospital, Washington, D. C.
896	Gunshot fracture; perforation of Ileum one inch from Ileo-Colic Valve.	
897	Femoral Artery, ligated.	
898	Left common Carotid Artery, ligated for wound of Head.	A. Ass't Surg. H. N. Fisher, U. S. A., Eckington Hospital, Washington, D. C.
899	Gunshot wound of entrance on Thigh.	Hospital Steward A. J. Schafhirt, Army Medical Museum.
900	Gunshot wound of entrance and exit on Foot.	Do. do. do.
901	Gunshot wound of Colon.	Ass't Surg. J. J. Woodward, U. S. A.
902	Gunshot perforation of Penis.	
903 *	Gunshot wound of Dura Mater and Cerebrum.	Hospital Steward A. J. Schafhirt, U. S. A., Army Medical Museum.
904	Gunshot fracture of Radius; amputation subsequent to excision.	
905	Gunshot fracture of upper third of Tibia; excised portions.	A. Ass't Surg. A. E. Keyes, U. S. A.
906	Ligated Artery.	Surg. D. W. Bliss, U. S. V., Armory Square Hospital, Washington, D. C.
907	Gunshot fracture of lower third of Humerus.	A. Ass't Surg. A. E. Keyes, U. S. A.
908	Gunshot fracture of Carpus.	Do. do. do.
909	Gunshot fracture of Elbow joint.	Do. do. do.
910 *	Gunshot fracture of head of Tibia.	Surg. John E. Laurence, U. S. A., General Hosp., Alexandria, Va.
911 *	Gunshot fracture of Femur above condyles.	Do. do. do.
912 *	Gunshot fracture of Femur above condyles.	Do. do. do.
913 *	Bifurcation of Brachial Artery, with Radial Artery ligated.	Hospital Steward A. J. Schafhirt, U. S. A., Army Medical Museum.
914 *	Gunshot fracture of Tibia; fragments from.	Ass't Surg. Breneman, U. S. A., General Hospital, West Philadelphia.
915 *	Gunshot wound of Knee joint.	A. Ass't Surg. George W. Corey, U. S. A.
916 *	Gunshot fracture of Femur above condyles.	Do. do. do.
917 *	Gunshot fracture of head of Tibia.	Do. do. do.
918 *	Gunshot fracture of Tibia.	Do. do. do.
919 *	Gunshot fracture of Tibia, Fibula, and As tragalus.	Do. do. do.



No. OF SPEC'N.	DESCRIPTION.	NAME OF CONTRIBUTOR.
920 *	Gunshot fracture of Elbow joint; excision of head of Radius, Olecranon Process, and condyles of Humerus.	Ass't Surg. C. Wagner, U. S. A., Hammond Gen'l Hosp., Ft. Lookout, Md.
921 *	Gunshot fracture of Radius and Ulna.	Do. do. do.
922 *	Gunshot fracture of Skull; Calvaria and fragments.	Do. do. do.
923 *	Gunshot fracture of Radius.	Do. do. do.
924 *	Gunshot fracture of right Parietal bone; trephined fragments.	Do. do. do.
925 *	Gunshot fracture of Elbow joint; excised fragments of condyles of Humerus, and Olecranon process.	Do. do. do.
926 *	Gunshot fracture of Ankle joint, with ball imbedded.	Do. do. do.
927 *	Gunshot fracture of Humerus.	Do. do. do.
928 *	Gunshot fracture of head of Humerus, with portions of Scapula.	Do. do. do.
929 *	Gunshot fracture of Elbow joint; fragment excised from.	Do. do. do.
930 *	Gunshot fracture of Ulna; excision of head and upper two-thirds of shaft.	Do. do. do.
931 *	Gunshot fracture of Elbow joint.	Do. do. do.
932	Crown-shaped exfoliation from extremity of stump of Radius.	Surg Ch. L. Allen, U. S. A.
933 *	Gunshot fracture of Tibia and Fibula.	Ass't Surg. Wm. Notson, U. S. A., General Hosp., Frederick, Md.
934 *	Gunshot fracture through Trochanters of Femur; ball lodged in ridge above Acetabulum.	Do. do. do.
935 *	Gunshot fracture; Femur perforated above condyles.	Do. do. do.
936 *	Gunshot fracture of lower third of Femur.	Do. do. do.
937 *	Gunshot fracture of head of Tibia.	Do. do. do.
938 *	Gunshot fracture of head of Humerus.	Surg. P. Pineo, U. S. V., Douglas Hospital, Washington, D. C.
939 *	Gunshot wound of left Lung; same case as 938.	Do. do. do.
940 *	Gunshot wound of entrance in integument of Knee.	Dr. F. Schafhirt.
941 *	Gunshot wound of exit; same case as 940.	Do. do. do.
942 *	Gunshot fracture of Elbow joint, in which excision had been performed two months prior to amputation.	Surg. D. P. Smith, U. S. V., Fairfax Seminary Hosp., Va.
943	Brachial Artery, with Vein and Median Nerve, from stump two months subsequent to amputation.	
944 *	Gunshot wound of entrance and exit, in integument of Knee joint.	Dr. F. Schafhirt.
945 *	Gunshot fracture of Radius and Ulna; case of Hospital Gangrene.	A. Ass't Surg. Crane, U. S. A., General Hospital, Annapolis, Md.
946 *	Hospital Gangrene of Leg, (Death.)	A. Ass't Surg. M. Stovell, U. S. A., Gen'l Hospital, Annapolis, Md.

NO. OF SPEC'N.	DESCRIPTION.	NAME OF CONTRIBUTOR.
947 *	Gunshot fracture of head of Humerus.	Ass't Surg. E. J. Marsh, U. S. A., Judiciary Square Hosp., Washington, D.C.
948	Gunshot fracture of lower sixth of Fibula, with ulceration of Ankle joint.	Surg. J. A. Murphy, U. S. V., Gen'l Hosp., Cincin- nati, Ohio.
949	Gunshot fracture; excision of two inches of shaft of the Radius for false joint.	Surg. Meredith Clymer, U. S. V.
950 *	Gunshot wound; Brachial Artery ligated for Secondary Hemorrhage.	Ass't Surg. Warren Web- ster, U. S. A., Douglas Hosp., Washington, D.C.
951 *	Gunshot wound; Femoral Artery ligated for Secondary Hemorrhage.	Do. do. do.
952 *	Pistol-shot wound of Orbit.	Ass't Surg. Wm. Moss, U. S. V.
953 *	Wound of entrance in integument of Face; same case as 952.	Do. do. do.
954 *	Cast of Varicose Aneurism of Neck.	
955 *	Gunshot fracture and excision of two and a half inches of shaft of Ulna.	Surg. Meredith Clymer, U. S. V.
956	Gunshot fracture of Humerus, followed by ulceration of the Elbow joint.	
957	Brain; from same case as No. 952.	Ass't Surg. Wm. Moss, U. S. V.
958	Gunshot injury of Median Nerve; excision of one inch of Nerve. (Case of M. Han- negan.)	Surg. P. Pineo, U. S. V., Douglas Hospital, Wash- ington, D. C.
959	Gunshot injury of Median Nerve; excision of one inch of Nerve. (Case of J. H. Cortiss.)	Do. do. do.

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3

MEDICAL SERIES.

NO. OF SPEC'N.	DESCRIPTION.	NAME OF CONTRIBUTOR.
1 *	Gall Bladder, with occluded duct; case of Meningitis.	Surg. John L. Leconte, U. S. V., Chester Hosp., Pa.
2 *	Half of Stomach; case of Gastritis.	A. Ass't Joseph Leidy, U. S. A., West Phil'a Hosp.
3 *	Half of Stomach, (same case.)	Do. do. do.
4 *	Inflamed Ileum and Colon, (same case.)	Do. do. do.
5 *	Inflamed Ileum and Colon; Chickahominy diarrhoea.	Do. do. do.
6 *	Inflamed Ileum and Colon; Chickahominy diarrhoea.	Do. do. do.
7 *	Inflamed Ileum and Colon: Chickahominy diarrhoea.	Do. do. do.
8 *	Inflamed Stomach and Ileum; Chickahominy diarrhoea.	Do. do. do.
9	Inflamed Ileum, (state of resolution;) Chickahominy diarrhoea.	Do. do. do.
10 *	Inflamed Ileum and Colon; Chickahominy diarrhoea.	Do. do. do.
11 *	Inflamed Ileum and Colon; Chickahominy diarrhoea.	Do. do. do.
12 *	Inflamed Ileum and Colon; Chickahominy diarrhoea.	Do. do. do.
13 *	Inflamed Ileum and Stomach; Chickahominy diarrhoea.	Do. do. do.
14 *	Inflamed Ileum and Colon; Chickahominy diarrhoea.	Do. do. do.
15 *	Gall Stones, from multilocular abscess of Gall Bladder. (See 34.)	Do. do. do.
16	Hepaticized Lung; Typhoid fever.	A. Ass't Surgeon Hodges, U. S. A., Gen'l Hospital, Washington, D. C.
17 *	Inflamed small Intestine; ulcerated Agminated glands; Typhoid fever.	A. Ass't Surg. Jos. Leidy, U. S. A., Gen'l Hosp., West Philadelphia.
18 *	Inflamed Colon and Agminated glands.	Do. do. do.
19 *	Inflamed small Intestine.	Do. do. do.
20 *	Inflammation of Ileum and Colon; contraction of; Chronic diarrhoea.	Do. do. do.
21 *	Inflamed Ileum and Colon, perforated Cæcum; Typhoid fever.	Do. do. do.
22 *	Spleen 9 inches long, $5\frac{1}{4}$ inches broad, and $2\frac{1}{4}$ inches thick; Typhoid fever.	Do. do. do.
23 *	Inflamed Stomach, Ileum, and Colon, Solitary and Agminated glands inflamed; Typhoid fever.	Do. do. do.
24 *	Inflamed small Intestine; case of Typhoid fever.	A. Ass't Surgeon Hodges, U. S. A., Gen'l Hospital, Washington, D. C.
25 *	Stomach contracted; one inch wide at Pyloric, two inches at Cardiac end. (Same case as No. 20.)	A. Ass't Surg. Jos. Leidy, U. S. A., Gen'l Hospital, West Philadelphia.

NO. OF SPEC'N.	DESCRIPTION.	NAME OF CONTRIBUTOR.
26 *	Thickened intestinal Glands; Typhoid fever.	A. Ass't Surg. Hodge, U. S. A., West Philadelphia Hospital.
27 *	Inflamed Intestines.	A. Ass't Surg. Jos. Leidy, U. S. A., West Philadelphia Hospital.
28 *	Small Intestine; Typhoid fever.	Do. do. do.
29 *	Pericardium, showing plastic effusion.	Do. do. do.
30 *	Larynx, showing diphtheritic effusion.	Do. do. do.
31 *	Colon, with numerous ulcers; Dysentery.	Do. do. do.
32 *	Intussusception of the Intestines.	Do. do. do.
33 *	Bronchial glands, with earthy deposit.	Do. do. do.
34 *	Gall Bladder, containing calculi.	Do. do. do.
35 *	Ulcerated Intestines, with tubercular deposit.	Do. do. do.
36 *	Enlarged Agminated glands; Typhoid fever.	Do. do. do.
37 *	Ulcerated and perforated Agminated glands; Typhoid fever.	Do. do. do.
38 *	Enlarged Agminated and Solitary glands.	Do. do. do.
39 *	Ileum, with enlarged Solitary glands.	Do. do. do.
40 *	Larynx, with diphtheritic exudation.	Do. do. do.
41	Ulceration of Peyer's glands; Typhoid fever.	A. Ass't Surg. M. Stovell, U. S. A., General Hosp., Annapolis.
42	Ulceration of Peyer's glands; Typhoid fever.	A. Ass't Surg. Gibbs, U. S. A.
43	Ulceration of Peyer's glands; Typhoid fever.	Do. do. do.
44	Larynx, with fibrous deposit on vocal chord; Typhoid fever.	A. Ass't Surg. Butler, U. S. A., Union Chapel Hospital, Washington, D. C.
45	Kidney, with fatty degeneration.	A. Ass't Surg. M. Stovell, U. S. A., General Hosp., Annapolis.
46	Small Intestine; Typhoid fever.	
47	Ulcerated Omentum.	A. Ass't Surg. Youndt, U. S. A.
48	Ulcerated large Intestine.	Surg. Crane, U. S. A., Beaufort.
49	Ulcerated Peyer's glands.	A. Ass't Surg. Stovell, U. S. A., Annapolis, Md.
50	Ulcerated small Intestine.	
51	Ulcerated large and small Intestines.	Surg. H. Bryant, U. S. V., Lincoln Hospital, Washington.
52	Lungs from case of Pyæmia; containing large cavities.	
53	Larynx, with diphtheritic deposit.	A. Ass't Surg. B. B. Miles, U. S. A., Annapolis, Md.
54	Ulcerated Peyer's glands; Typhoid fever.	Do. do. do.
55	Inflamed small Intestine.	
56	Ulcerated Peyer's glands.	Dr. N. Delany.
57	Abscesses in Lungs, from convalescent Typhoid case.	Surg. C. Page, U. S. A., Judiciary Square Hosp., Washington.

NO. OF SPEC'N.	DESCRIPTION.	NAME OF CONTRIBUTOR.
58	Hypertrophied Heart.	Surg. Edwin Bentley, U. S. V.
59	Hypertrophied Heart; case of sudden death.	A. Ass't Surg. Hodges, U. S. A., Washington, D. C.
60	Spleen, containing abscess.	Surg. H. Bryant, U. S. V.
61	Larynx; case of acute Bronchitis.	Surg. J. H. Brinton, U. S. V.
62	Kidneys, with extensive ulceration.	Act. Surg. J. S. Hildrath, U. S. A., Judiciary Square Hosp., Washington, D. C.
63	Double Kidney.	Surg. Crane, U. S. A., Beaufort, S. C.
64	Spleen, showing enlarged Malpighian bodies.	Ass't Surg. J. W. S. Gouley, U. S. A.
65	Kidney; (case of single Kidney.)	Surg. C. Page, U. S. A., Judiciary Square Hosp., Washington, D. C.
66	Lungs, containing cavities.	A. Ass't Surg. Killerin, U. S. A.
67	Larynx; case of acute Laryngitis.	Dr. H. Rowe.
68	Enlarged lower portion of Ileum.	Surg. A. C. Bournonville, U. S. V.
69	Enlarged Gall Bladder; case of Typhoid fever.	A. Ass't Surg. Hodges, U. S. A., Washington, D. C.
70	Cerebrum, with abscesses.	Surg. H. Bryant, U. S. V.
71	Inflamed small Intestine; Dysentery.	Med. Cadet Cowes, U. S. A., Washington.
72	Intestinal Glands, enlarged.	Surg. H. Bryant, U. S. V.
73	Enlarged Kidneys; Chronic diarrhoea.	Med. Cadet Kingston, U. S. A., Douglas Hospital, Washington, D. C.
74	Ulcerated sigmoid flexure of Colon.	A. Ass't Surg. Vandy, U. S. A., General Hospital, Philadelphia.
75	Lungs, containing cavities; Pneumonia.	A. Ass't Surg. Livezey, U. S. A., General Hospital, Philadelphia.
76	Ulcerated Intestines; Typhoid fever.	A. Ass't Surg. Youndt, U. S. A.
77	Invaginated Intestines.	Ass't Surg. H. B. Chapin, U. S. V.
78	Hypertrophied Heart.	Surg. J. V. Bloom, 7th Michigan Vols.
79	Diphtheritic Membrane from palate and tonsils.	Ass't Surg. McCall, U. S. A.
80	Diphtheritic Membrane from right bronchus.	Ass't Surg. Oliver, 21st Mass. Vols.
81	Cancer of cardiac orifice of Stomach.	A. Ass't Surg. Ducachet, U. S. A.
82	Fatty degeneration of Heart.	Ass't Surg. McCall, U. S. A.
83	Abscesses in both Lungs.	Do. do. do.
84	Diphtheritic Membrane.	A. Ass't Surg. Miles, U. S. A., Annapolis, Md.
85	Ulcerated Colon.	Surg. H. Bryant, U. S. V.
86	Thickened and ulcerated Ileum; case of Typhoid fever.	A. Ass't Surg. G. W. Fay, U. S. A., Patterson Park Hosp., Baltimore, Md.

No. of Spec'n.	Description.	Name of Contributor.
87	Perforated Ileum; Peritonitis.	A. Ass't Surg. J. G. Wilbur, U. S. A., Patterson Park Hosp., Baltimore, Md.
88	Ulcerated Colon; Dysentery.	A. Ass't Surg. W. Sargent, U. S. A., Summit House Hosp., Philadelphia.
89	Ulcerated Colon; Dysentery.	Do. do. do.
90	Small Intestine, with fatty deposit.	A. Ass't Surg. Hodges, U. S. A., General Hospital, Washington, D. C.
91	Metastatic abscesses in Liver; Pyæmia.	Surg. H. Bryant, U. S. V., Lincoln General Hosp., Washington, D. C.
92	Metastatic abscesses in Lungs. Same case as 91.	Do. do. do.
93	Inflamed Intestines.	A. Ass't Surg. J. A. Jack, U. S. A., General Hosp., Philadelphia.
94	Enlarged Kidney.	Do. do. do.
95	Lung, containing cavities.	Do. do. do.
96	Cirrhosed Liver.	A. Ass't Surg. Lyman, U. S. A., Georgetown Seminary Hospital, D. C.
97	Enlarged Kidneys, with fatty degeneration.	Ass't Surg. C. A. McCall, U. S. A., Mt. Pleasant Hosp., Washington, D. C.
98	Ulcerated Colon; Diarrhoea.	A. Ass't Surg. B. B. Miles, U. S. A.
99	Inflamed Stomach.	Surg. Jno. H. Brinton, U. S. V.
100	Inflamed large Intestine.	Ass't Surg. Warren Webster, U. S. A., Douglas Hosp., Washington, D. C.
101	Inflamed Stomach.	Do. do. do.
102	Tænia Solium.	Ass't Surg. J. L. Kennedy, U. S. A.
103	Inflamed small Intestine.	A. Ass't Surg. E. Hartshorne, U. S. A., General Hosp., Philadelphia.
104	Plastic deposit on Intestines.	A. Ass't Surg. W. Youndt, U. S. A.
105	Ulcerated Peyer's patches.	A. Ass't Surg. S. Killerin, U. S. A., Emory Hosp., Washington, D. C.
106	Hepatized Lung.	Surg. H. Bryant, U. S. V., Lincoln Hospital, Washington, D. C.

MISSILES, &c.

No. of Spec'n.	Description.	Name of Contributor.
1	Flattened round ball, from behind neck of Femur; (bone not fractured.)	Surg. Ch. Page, U. S. A., Judiciary Square Hosp., Washington, D. C.
2	Grape shot, (spent,) from superficial tissues of back of Thigh.	Surg. Jno. A. Lidell, U. S. V., Stanton Hosp., Wash- ington, D. C.
3	Flattened conoidal ball, from near spine of 8th Dorsal Vertebra.	Surg. Lavington Quick, U. S. V., General Hospital, Baltimore, Md.
4	Buck shot, flattened on shaft of Humerus, without fracture of bone.	Surg. C. W. Jones, U. S. V., General Hosp., Balti- more, Md.
5	Conoidal ball. Two flattened halves, from comminuted fracture of Femur.	Surg. Hasson, U. S. A., General Hospital, Balti- more, Md.
6	Conoidal ball, with imbedded spiculæ of bone, from fractured Tibia.	Surg. Jno. T. Hodgen, U. S. V., General Hospital, St. Louis, Mo.
7	Enfield ball. Entered at inferior angle of Scapula; extracted from side of Neck.	Do. do. do.
8	Enfield ball, from fractured Femur.	Do. do. do.
9	Conoidal ball, from Knee joint.	Do. do. do.
10	Conoidal ball, from fractured Femur; flattened on side.	Ass't Surg. B. A. Clements, U. S. A., General Hosp., Georgetown, D. C.
11	Conoidal ball, flattened and split, from fractured Tibia.	Do. do. do.
12 *	Round ball, with imbedded spicula of bone; entrance, inner angle of right Eye; exit, angle of left inferior Maxillary bone.	Surg. Jno. E. Summers, U. S. A., General Hospital, Alexandria, Va.
13	Round ball, from muscles of Thigh.	Surg. John T. Hodgen, U. S. V., General Hospital, St. Louis, Mo.
14	Flattened conoidal ball, from Thigh.	Do. do. do.
15	Round ball, from fractured Malleoli.	Do. do. do.
16	Round ball, flattened, from Popliteal space; Femur fractured.	Surg. E. McDonnell, U. S. V., Gen'l Hosp., Sharps- burg, Md.
17	Flattened Enfield ball; entered calf of Leg; lodged in fourth Metatarsal bone.	Surgeon John T. Hodgen, U. S. V., Gen'l Hospital, St. Louis, Mo.
18	Flattened conoidal ball; entered the Meatus Auditorius Externus; extracted from Mastoid process.	Surg. C. Page, U. S. A., Judiciary Square Hosp., Washington, D. C.
19	Conoidal ball, flattened; entered at middle of Thigh; removed from behind head of Fibula.	Surg. John T. Hodgen, U., S. V., General Hospital, St. Louis, Mo.
20	Conoidal ball, flattened; from angle of inferior Maxillary bone.	A. Ass't Surg. G. F. French, U. S. A., Alexandria, Va.
21	Conoidal ball, with imbedded spicula of bone.	Surg. Crosby, U. S. V., Columbia College Hosp., Washington, D. C.

NO. OF SPEC'N.	DESCRIPTION.	NAME OF CONTRIBUTOR.
22	Large Enfield ball, flattened; penetrated nearly through Tibia.	Surg. Lavington Quick, U. S. V., Gen'l Hospital, Baltimore, Md.
23	Enfield ball, perforation of Colon.	Surg. J. C. Dorr, U. S. V., Ascension Hosp., Washington, D. C.
24	Round ball, from palm of Hand.	Surgeon Lavington Quick, U. S. V., Gen'l Hospital, Baltimore, Md.
25	Conoidal ball, with piece of cloth in cup; entered at Wrist; extracted from inner condyle of Humerus.	Ass't Surg. S. A. Storrow, U. S. A., Eckington Hospital, Washington, D. C.
26	Round ball, containing a spicula of bone, which entirely perforated it; from fracture of Forearm.	Ass't Surg. Warren Webster, U. S. A., Douglas Hosp., Washington, D. C.
27	Large conoidal ball; entered right Thyroid Foramen, passed through Bladder; exit left Greater Ischiatic Notch.	Dr. F. Schafhirt.
28	Enfield ball; entered in front of head of Humerus; extracted from side of Neck.	Surgeon John T. Hodgen, U. S. V., Gen'l Hospital, St. Louis, Mo.
29	Flattened conoidal ball, from fractured Femur.	Do. do. do.
30	Enfield ball, from fractured head of Tibia.	Do. do. do.
31	Conoidal ball, flattened, from fractured Scapula.	Surgeon Lavington Quick, U. S. V., Gen'l Hospital, Baltimore, Md.
32	Cup-shaped fragment of conoidal ball, from fractured Femur.	Surg. John A. Lidell, U. S. V., Stanton Hosp., Washington, D. C.
33	Conoidal ball, from right Hip; severed Gluteal artery.	Surg. John T. Hodgen, U. S. V., General Hospital, St. Louis, Mo.
34	Round ball, from Popliteal space.	Do. do. do.
35	Conoidal ball; entered Hip; exit two inches above Ant. Sup. Spinous process of Ilium.	Do. do. do.
36	Conoidal ball; fractured head of Tibia.	Do. do. do.
37	Round ball; entered in front of Trochanter Major; exit in Perineum.	Do. do. do.
38	Round ball, extracted from condyle of Femur.	Surgeon John H. Brinton, U. S. V.
39	Conoidal ball, elongated.	Surg. A. Hard, 8th Illinois Cavalry, Fredericksburg, Va.
40	Conoidal ball.	Do. do. do.
41	Conoidal ball, flattened, from fractured Forearm.	
42	Round ball, flattened; fractured Forearm.	Do. do. do.
43	Enfield ball, with portions of clothes.	Do. do. do.
44	Round ball, flattened; from fractured Femur.	Do. do. do.
45	Conoidal ball; entered below Clavicle, penetrated Lung, emerged at posterior margin of Axilla.	Surgeon John H. Brinton, U. S. V.

NO. OF SPEC'N.	DESCRIPTION.	NAME OF CONTRIBUTOR.
46	Conoidal ball, flattened; fracture of Radius and Ulna.	Surg. Lavington Quick, U. S. V., Gen'l Hosp., Baltimore, Md.
47	Conoidal ball; fracture of Trochanter Major.	Surg. John A. Lidell, U. S. V., Stanton Hospital, Washington, D. C.
48	Round ball; entered head of Tibia, emerged at calf of Leg.	Surg. John T. Hodgen, U. S. V., Gen'l Hospital, St Louis, Mo.
49	Flattened buck shot, without fracture.	Ass't Surg. W. Moss, U.S.V.
50	Conoidal ball, removed from Bladder, with Phosphatic deposit in cup.	Ass't Surg. G. M. McGill, U. S. A.
51	Conoidal ball, extracted from body of fifth Lumbar Vertebra.	Surg. John T. Hodgen, U. S. V., General Hospital, St. Louis, Mo.
52	Conoidal ball; entered at Umbilicus, lodged in crest of Ilium.	Surg. J. H. Brinton, U.S.V.
53	Round ball, from Lung.	A. Ass't Surg. C. W. Horner, U. S. A., Gen'l Hospital, Philadelphia.
54	Enfield ball, removed from muscles of Back.	Do. do. do.
55	Small round ball, (squirrel rifle,) removed from palm of Hand.	Do. do. do.
56	Round ball, from Shoulder.	Do. do. do.
57	Conoidal ball, from muscles of Back.	A. Ass't Surg. S. E. Fuller, U. S. A., Gen'l Hospital, Alexandria, Va.
58	Conoidal ball; entered at side of Neck, removed from below spine of Scapula.	Do. do. do.
59	Conoidal ball, flattened, containing a spicula of bone.	A. Ass't Surg. George F. French, U. S. A., Gen'l Hosp., Alexandria, Va.
60	Buck shot, from Thigh, six months after injury.	Do. do. do.
61	Round ball, from Thigh.	Do. do. do.
62	Portions of explosive ball, from nates.	Do. do. do.
63	Conoidal ball, flattened, from fractured Humerus.	Do. do. do.
64	Small round ball, flattened, removed from Back; penetrated Thorax, fracturing one Rib.	Do. do. do.
65	Buck shot, from muscles.	Do. do. do.
66	Conoidal pistol ball, from fleshy part of Thigh.	A. Ass't Surg. J. B. Bel- langee, U. S. A., General Hosp., Alexandria, Va.
67	Conoidal ball, from Calcaneus.	Do. do. do.
68	Conoidal ball, fragment of, from fractured head of Tibia.	Do. do. do.
69	Conoidal ball, traversed muscles of Thigh.	Do. do. do.
70	Enfield ball, from Foot.	A. Ass't Surg. E. Hart- shorne, U. S. A., Phila- delphia.
71	Large flattened conoidal ball; entered at Thigh, extracted from Gluteal muscles; ricocheted before striking.	Surg. P. B. Goddard, U. S. V., General Hospital, Philadelphia.

NO. OF SPEC'N.	DESCRIPTION.	NAME OF CONTRIBUTOR.
72	Buck shot, from comminuted fracture of 2d, 3d, and 4th Metacarpal bones.	Surg. O. A. Judson, U. S. V., Carver Hospital, Washington, D. C.
73	Conoidal ball, flattened; traversed Neck, Shoulder, and Humerus.	
74	Conoidal ball, flattened, from fractured Femur.	A. Ass't Surg. E. Hartshorne, U. S. A., General Hosp., Philadelphia.
75	Round ball, flattened, from fractured condyles of Humerus.	
76	Enfield ball, extracted from fifth Lumbar Vertebra.	A. Ass't Surg. Winthrop Sergeant, U. S. A., Gen'l Hosp., Philadelphia.
77 *	Flattened buck shot, removed from integument of Forehead.	A. Ass't Surg. John Neill, U. S. A., Gen'l Hospital, Philadelphia.
78	Round ball, from Foot.	
79	Conoidal ball, flattened, penetrated Thorax and lodged behind Elbow.	A. Ass't Surg. J. Robertson, U. S. A., Fairfax Hosp., Alexandria, Va.
80	Conoidal ball, with piece of cloth, from Elbow joint.	Do. do. do.
81	Round ball, penetrating root of Lung.	Do. do. do.
82	Fragment of cylindrical shell four inches long, extracted from muscles of Thigh.	Dr. Duhamel.
83	Round ball, flattened, extracted from under spine of Scapula.	A. Ass't Surg. W. L. Wells, U. S. A., General Hosp., Philadelphia.
84	Two flattened fragments of round ball, from fractured Femur.	A. Ass't Surg. T. G. Morton, U. S. A., General Hosp., Philadelphia.
85 *	Round ball, from Foot.	A. Ass't Surg. W. F. Atlee, U. S. A., General Hosp., West Philadelphia.
86 *	Round ball, from fractured Humerus.	Do. do. do.
87 *	Large fragment of conoidal shell, extracted from Perineum.	Surg. C. McDonnell, U. S. V., Gen'l Hosp., Chambersburg, Pa.
88 *	Piece of spherical case shot, extracted from Sacrum.	
89 *	Grape shot, removed from over Femoral Artery, at Shiloh.	Surg. J. T. Hodgen, U. S. V.
90 *	Fragment of large conoidal shell.	Ass't Surg. B. Howard, U. S. A.
91 *	Fragment of large shell.	Ass't Surg. J. J. Woodward, U. S. A.
92 *	Fragments of large shell.	Do. do. do.
93 *	Iron arrow head, removed from Scapula.	Ass't Surg. W. H. Bill, U. S. A.
94 *	Iron arrow head, removed from Ilium, in which it was imbedded to the depth of one inch.	Do. do. do.
95 *	Iron arrow head.	A. Ass't Surg. Müller, U. S. A., Fort Ridgely, Minnesota.
96 *	Arrow, (Lower Sioux,) extracted from the face of an Indian interpreter.	Do. do. do.

No. OF SPEC'N.	DESCRIPTION.	NAME OF CONTRIBUTOR.
97 *	} Arrows, (Lower Sioux.)	A. Ass't Surg. Müller, U. S. A., Fort Ridgely, Minnesota.
98 *		
99 *	Yankton arrow, (Upper Sioux.)	Do. do. do.
100 *	Yankton or Sissitonuan arrow, (Upper Sioux.)	Do. do. do.
101 *	} Arrows, (Upper Sioux,) different varieties.	
102 *		
103 *	War arrow, in use by all the Sioux; head glued to the arrow, so as to remain in the person stricken.	Do. do. do.
104 *	} Arrows.	Ass't Surg. B. A. Clements, U. S. A.
105 *		
106 *		
107 *		
108 *	} Conoidal balls, (extracted.)	Surg. J. E. Summers, U. S. A., General Hospital, Alexandria, Va.
109 *		
110 *		
111 *		
112 *	} Conoidal balls, (extracted.)	A. Ass't Surg. Ed. Hartshorne, U. S. A., Philadelphia, Penn.
113 *		
114 *		
115 *		
116 *		
117 *		
118 *		
119 *	Round ball and fragments of bone, removed from a depressed fracture of Parietal bone.	Ass't Surg. Kennedy, U. S. A., General Hospital, Frederick, Md.
120 *	Flattened conoidal ball, from fracture of Clavicle.	A. Ass't Surg. W. W. Keen, jr., U. S. A., Gen'l Hosp. No. 1, Frederick, Md.
121 *	Burnside ball, from fractured Tarsus.	Do. do. do.
122 *	Flattened conoidal ball, extracted after death from behind head of Femur.	Do. do. do.
123 *	Conoidal ball, from fractured head of Tibia.	Do. do. do.
124 *	Round ball, from superior Maxillary bone.	A. Ass't Surg. John H. Bartholf, U. S. A., Frederick, Md.
125 *	Conoidal ball, from spine of Scapula.	Ass't Surg. J. B. Brinton, U. S. A., General Hosp., Frederick, Md.
126 *	Round ball, extracted from front of Tibia.	A. Ass't Surg. James H. Peabody, U. S. A., Frederick, Md.
127 *	Round ball, fracturing Lumbar Vertebrae.	Ass't Surg. Geo. L. Porter, U. S. A., Gen'l Hosp. No. 1, Frederick, Md.
128 *	Enfield ball, fracturing Lumbar Vertebrae.	A. Ass't Surg. W. W. Keen, jr., U. S. A., Gen'l Hosp. No. 1, Frederick, Md.
129 *	Conoidal ball, from abscess on right side of Spine.	Ass't Surg. Jas. Phillips, U. S. A., Gen'l Hosp. No. 1, Frederick, Md.

No. of Spec'n.	Description.	Name of Contributor.
130 *	Conoidal ball, flattened on Femur, but producing no fracture.	A. Ass't Surg. W. W. Keen, jr., U. S. A., Gen'l Hosp. No. 1, Frederick, Md.
131 *	Round ball, extracted from head of Femur.	Do. do. do.
132 *	Conoidal ball, wounding inferior Maxilla.	Ass't Surg. Philip Adolphus, U. S. A., General Hosp. No. 5, Frederick, Md.
133 *	Enfield ball, fracturing Patella.	A. Ass't Surg. W. W. Keen, jr., U. S. A., Gen'l Hosp. No. 1, Frederick, Md.
134 *	} Projectiles for small arms and field guns, (complete set.) Presented to the Museum by	Brig. Gen'l J. W. Ripley, U. S. A., through Captain Geo. T. Balch, U. S. A.
259 *		
260 *		Brig. Gen'l J. W. Ripley, U. S. A., through Captain Geo. T. Balch, U. S. A.
289 *		
	} Bayonets. Various patterns, used in the United States Army and in foreign services.	

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